Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN033019\
Data File : VN054832.D
Acq On : 31 Mar 2019 5:17
Operator : JC/SP
Sample : K1685-12
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 42 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : AU-06-032819-B

Quant Time: Apr 01 01:41:04 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N032919W.M
Quant Title : SW846 8260
QLast Update : Sat Mar 30 00:48:18 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	500212	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	839751	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	714405	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	261578	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	344629	51.11	ug/l	0.00
Spiked Amount 50.000			Recovery = 102.22%			
35) Dibromofluoromethane	7.59	113	265920	47.50	ug/l	0.00
Spiked Amount 50.000			Recovery = 95.00%			
50) Toluene-d8	10.09	98	1003571	48.22	ug/l	0.00
Spiked Amount 50.000			Recovery = 96.44%			
62) 4-Bromofluorobenzene	12.40	95	309924	44.77	ug/l	0.00
Spiked Amount 50.000			Recovery = 89.54%			
Target Compounds						Qvalue
5) Bromomethane	2.58	94	255	Below Cal	#	2
13) Acrolein	3.60	56	344	1.095	ug/l	95
14) Allyl chloride	4.54	41	60519	6.249	ug/l #	22
16) Acetone	3.82	43	9119	5.671	ug/l #	84
18) Methyl Acetate	4.34	43	2025	Below Cal	#	79
20) Methylene Chloride	4.55	84	1364774	240.618	ug/l #	83
25) 2-Butanone	6.86	43	541	0.228	ug/l #	85
29) Tetrahydrofuran	7.23	42	666	0.403	ug/l #	30
30) Chloroform	7.37	83	3159	0.324	ug/l	86
31) Cyclohexane	7.66	56	10368	Below Cal	#	4
36) 1,1-Dichloropropene	7.66	75	39874	5.096	ug/l #	48
38) Carbon Tetrachloride	7.67	117	47383	6.235	ug/l #	16
43) Isopropyl Acetate	8.18	43	16487	1.768	ug/l #	93
45) 1,2-Dichloropropane	9.27	63	1546	0.242	ug/l #	43
48) Methyl methacrylate	9.18	41	9833	1.946	ug/l #	11
49) 1,4-Dioxane	9.27	88	113	2.253	ug/l #	1
51) 4-Methyl-2-Pentanone	9.99	43	4950	0.944	ug/l #	86
54) cis-1,3-Dichloropropene	9.91	75	54896	6.545	ug/l #	73
57) 1,3-Dichloropropane	10.77	76	11336	1.331	ug/l #	43
59) 2-Hexanone	10.77	43	183022	54.540	ug/l #	47
70) Styrene	11.96	104	3173	0.217	ug/l #	88
71) Bromoform	12.39	173	710	0.231	ug/l #	28
74) N-amyl acetate	11.88	43	18625	2.796	ug/l #	50
75) 1,1,2,2-Tetrachloroethane	12.40	83	99	Below Cal	#	1
76) 1,2,3-Trichloropropane	12.40	75	160995	35.429	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.73	105	4994	0.285	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.40	75	160995	137.808	ug/l #	11
83) tert-Butylbenzene	13.04	119	250	Below Cal	#	58
95) Naphthalene	15.13	128	37793	4.009	ug/l	99

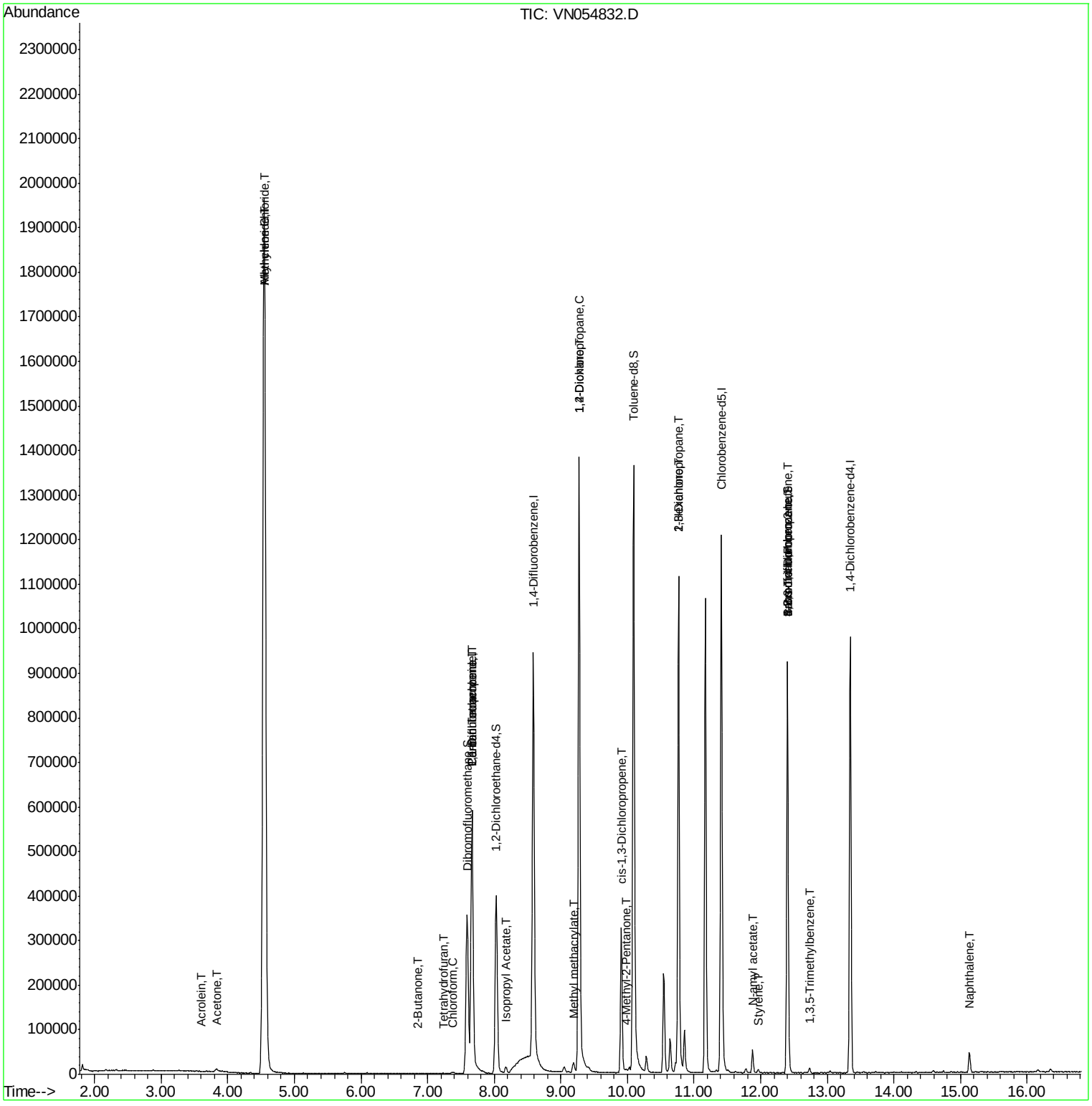
(#) = qualifier out of range (m) = manual integration (+) = signals summed

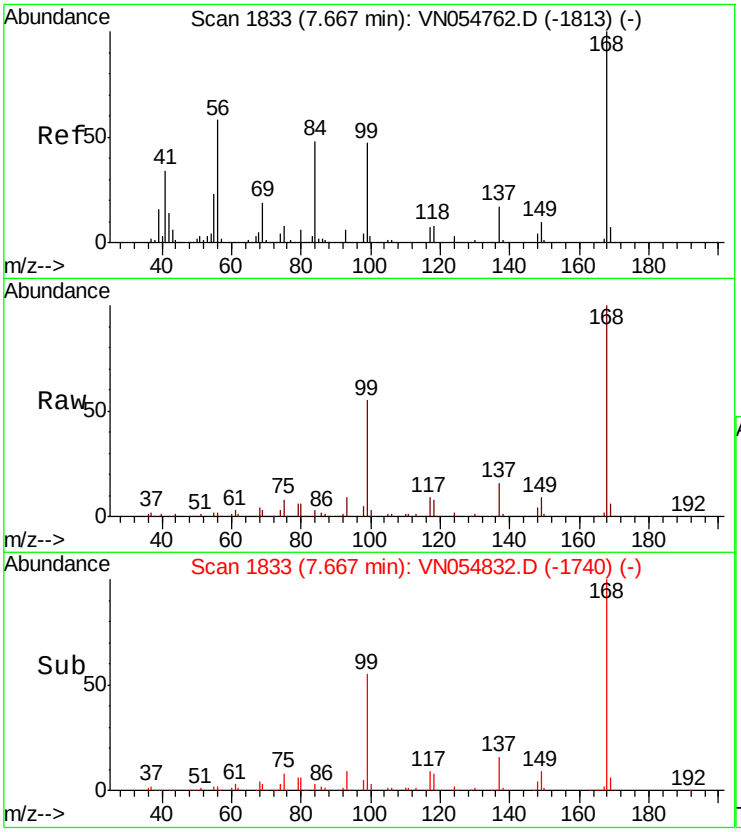
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN033019\
Data File : VN054832.D
Acq On : 31 Mar 2019 5:17
Operator : JC/SP
Sample : K1685-12
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 42 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
AU-06-032819-B

Quant Time: Apr 01 01:41:04 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N032919W.M
Quant Title : SW846 8260
QLast Update : Sat Mar 30 00:48:18 2019
Response via : Initial Calibration



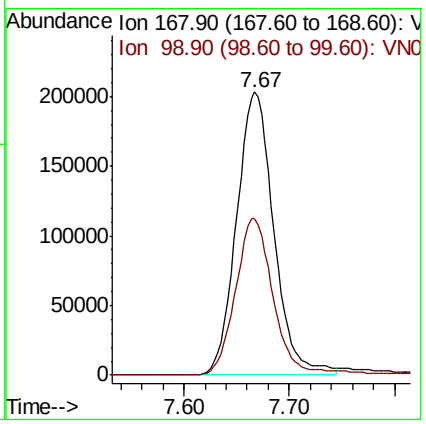


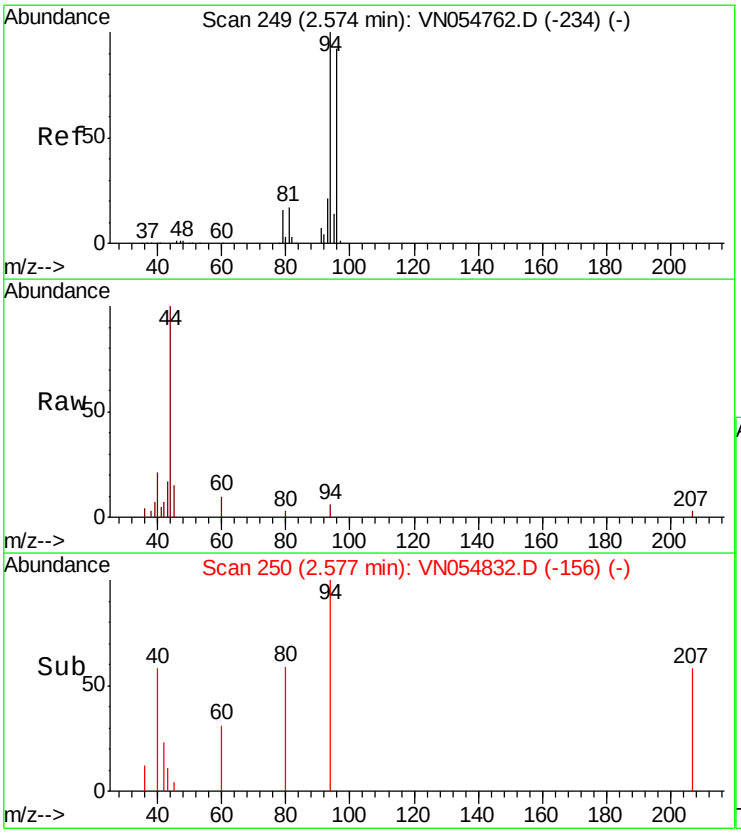
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. -0.00 min
Lab File: VN054832.D
Acq: 31 Mar 2019 5:17

Instrument :
MSVOA_N
ClientSampleId :
AU-06-032819-B

Tgt Ion:168 Resp: 500212

Ion	Ratio	Lower	Upper
168	100		
99	55.3	37.1	55.7

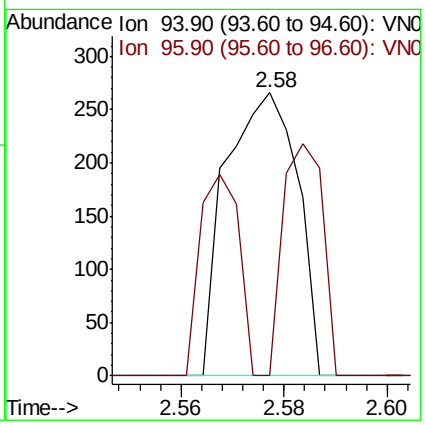


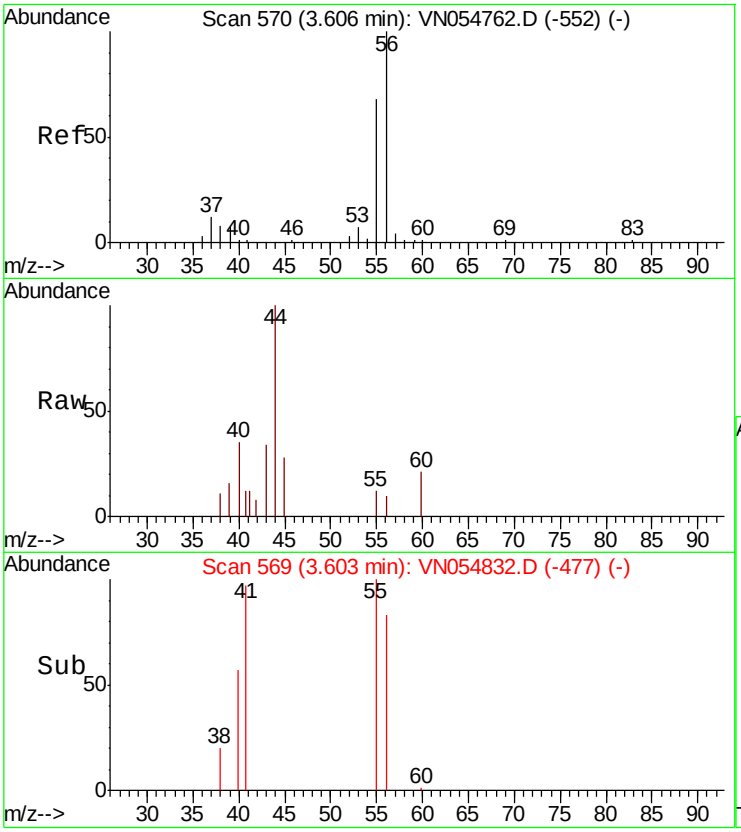


#5
Bromomethane
Concen: Below Cal
RT: 2.58 min Scan# 250
Delta R.T. 0.00 min
Lab File: VN054832.D
Acq: 31 Mar 2019 5:17

Tgt Ion: 94 Resp: 255

Ion	Ratio	Lower	Upper
94	100		
96	0.0	77.0	115.4#



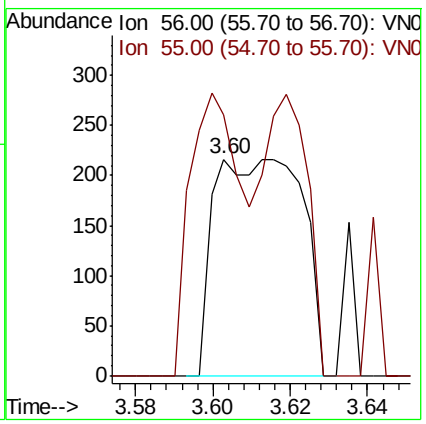


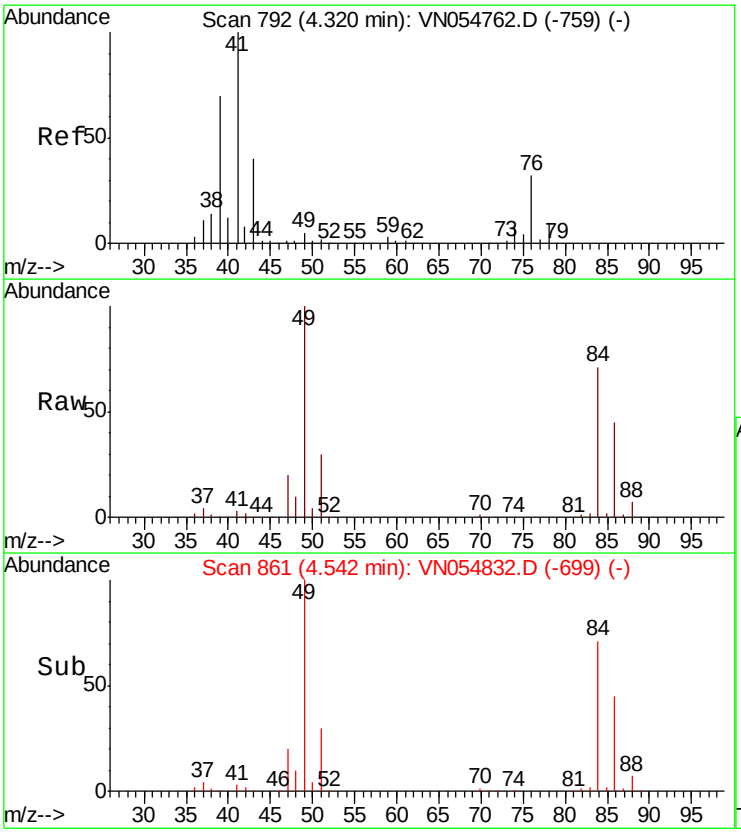
#13
Acrolein
Concen: 1.095 ug/l
RT: 3.60 min Scan# 569
Delta R.T. -0.00 min
Lab File: VN054832.D
Acq: 31 Mar 2019 5:17

Instrument : MSVOA_N
ClientSampleId : AU-06-032819-B

Tgt Ion: 56 Resp: 344

Ion	Ratio	Lower	Upper
56	100		
55	75.3	56.7	85.1

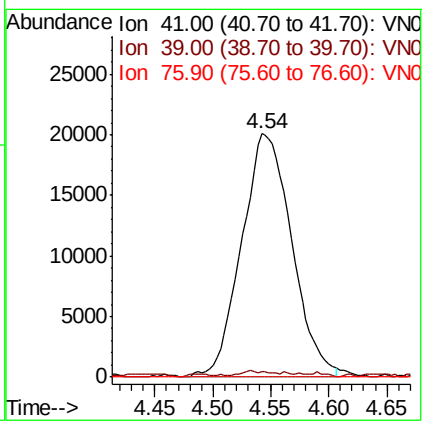


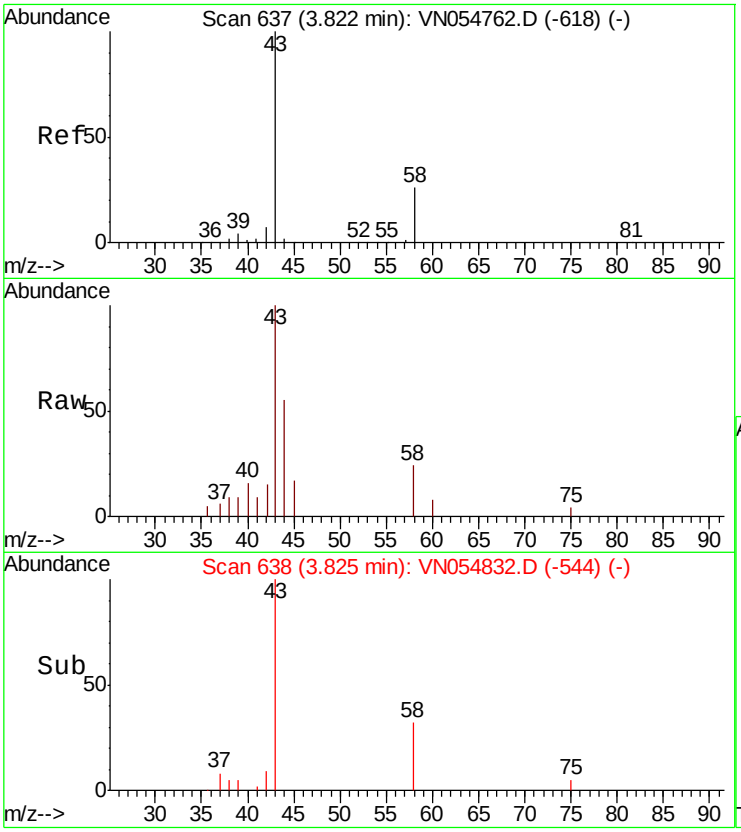


#14
Allyl chloride
Concen: 6.249 ug/l
RT: 4.54 min Scan# 861
Delta R.T. 0.22 min
Lab File: VN054832.D
Acq: 31 Mar 2019 5:17

Tgt Ion: 41 Resp: 60519

Ion	Ratio	Lower	Upper
41	100		
39	1.6	58.2	87.4#
76	0.0	31.7	47.5#



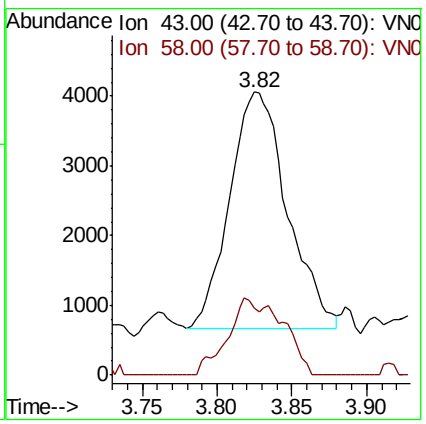


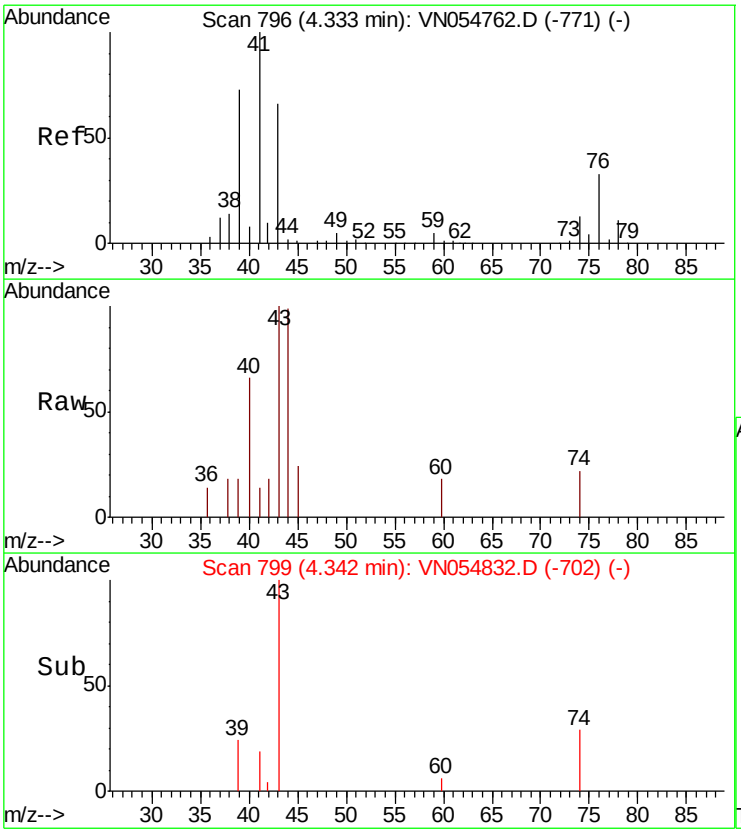
#16
Acetone
Concen: 5.671 ug/l
RT: 3.82 min Scan# 638
Delta R.T. 0.00 min
Lab File: VN054832.D
Acq: 31 Mar 2019 5:17

Instrument :
MSVOA_N
ClientSampleId :
AU-06-032819-B

Tgt Ion: 43 Resp: 9119

Ion	Ratio	Lower	Upper
43	100		
58	28.1	29.9	44.9#

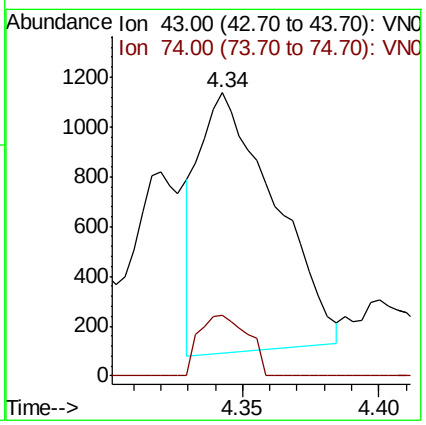


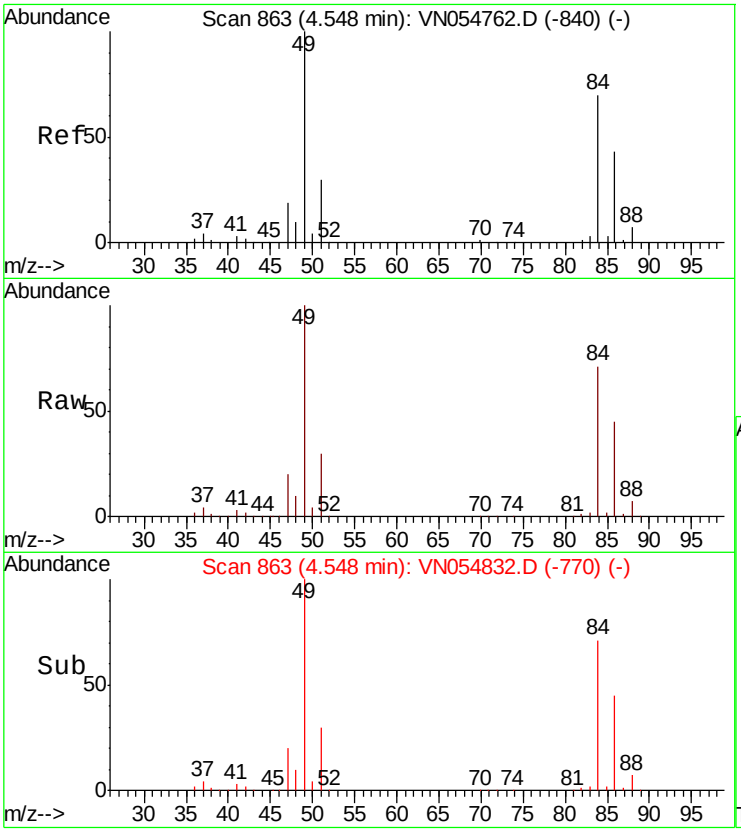


#18
Methyl Acetate
Concen: Below Cal
RT: 4.34 min Scan# 799
Delta R.T. 0.01 min
Lab File: VN054832.D
Acq: 31 Mar 2019 5:17

Tgt Ion: 43 Resp: 2025

Ion	Ratio	Lower	Upper
43	100		
74	15.1	20.8	31.2#



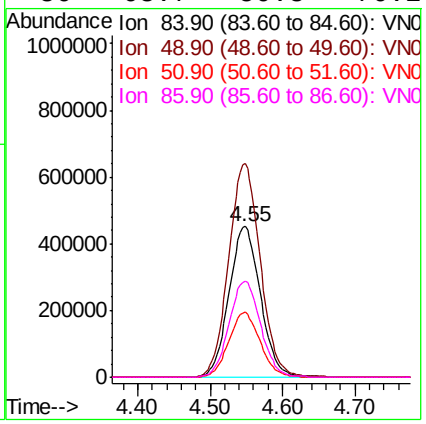


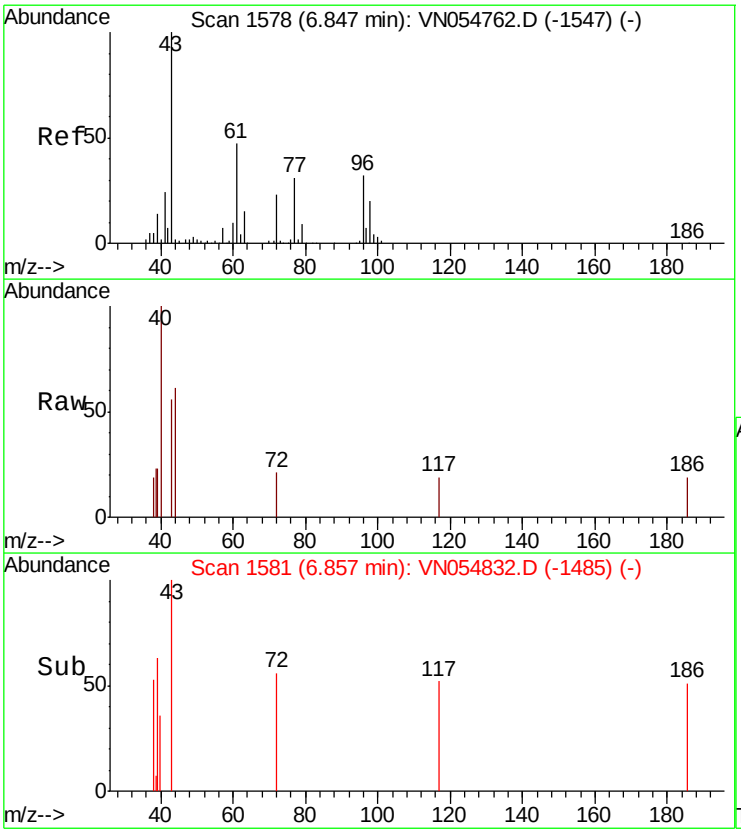
#20
Methylene Chloride
Concen: 240.618 ug/l
RT: 4.55 min Scan# 863
Delta R.T. -0.00 min
Lab File: VN054832.D
Acq: 31 Mar 2019 5:17

Instrument : MSVOA_N
ClientSampleId : AU-06-032819-B

Tgt Ion: 84 Resp: 1364774

Ion	Ratio	Lower	Upper
84	100		
49	141.7	89.7	134.5#
51	43.1	28.2	42.4#
86	63.7	50.8	76.2

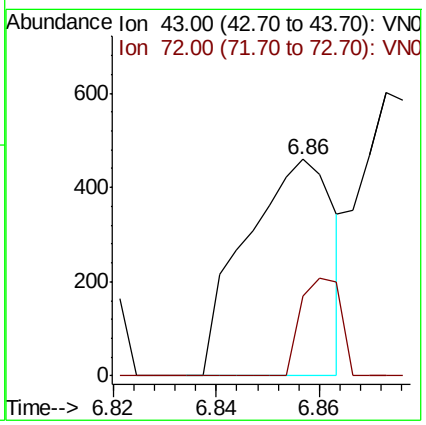


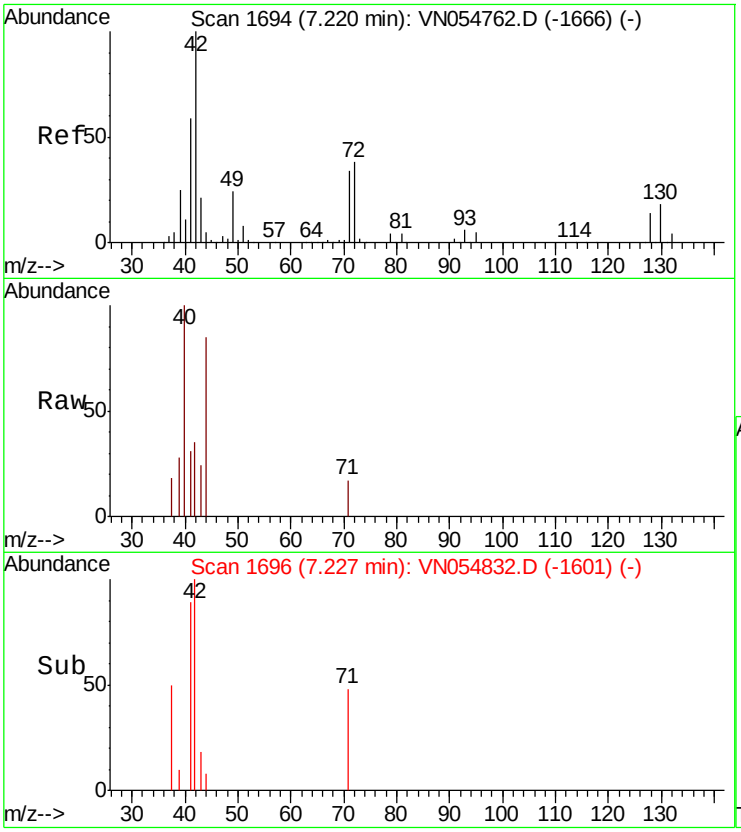


#25
2-Butanone
Concen: 0.228 ug/l
RT: 6.86 min Scan# 1581
Delta R.T. 0.01 min
Lab File: VN054832.D
Acq: 31 Mar 2019 5:17

Tgt Ion: 43 Resp: 541

Ion	Ratio	Lower	Upper
43	100		
72	36.8	23.0	34.6#



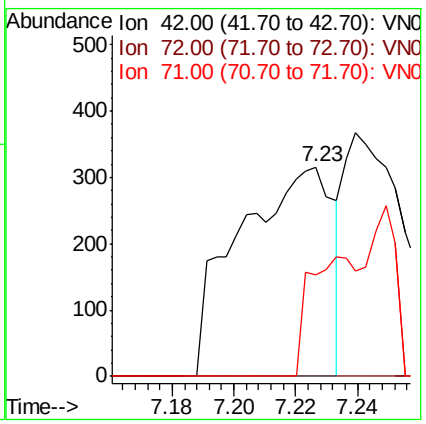


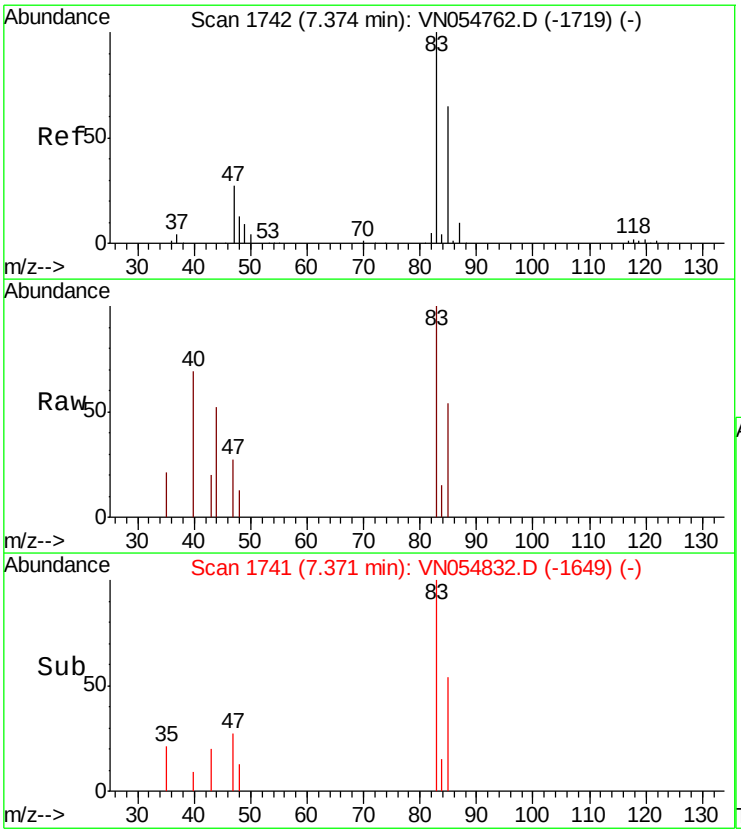
#29
Tetrahydrofuran
Concen: 0.403 ug/l
RT: 7.23 min Scan# 1696
Delta R.T. 0.01 min
Lab File: VN054832.D
Acq: 31 Mar 2019 5:17

Instrument : MSVOA_N
ClientSampleId : AU-06-032819-B

Tgt Ion: 42 Resp: 666

Ion	Ratio	Lower	Upper
42	100		
72	0.0	37.8	56.6#
71	0.0	36.2	54.2#

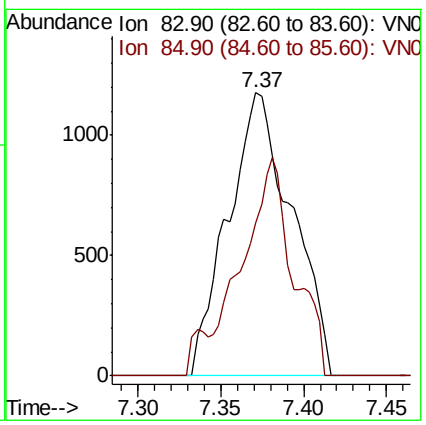


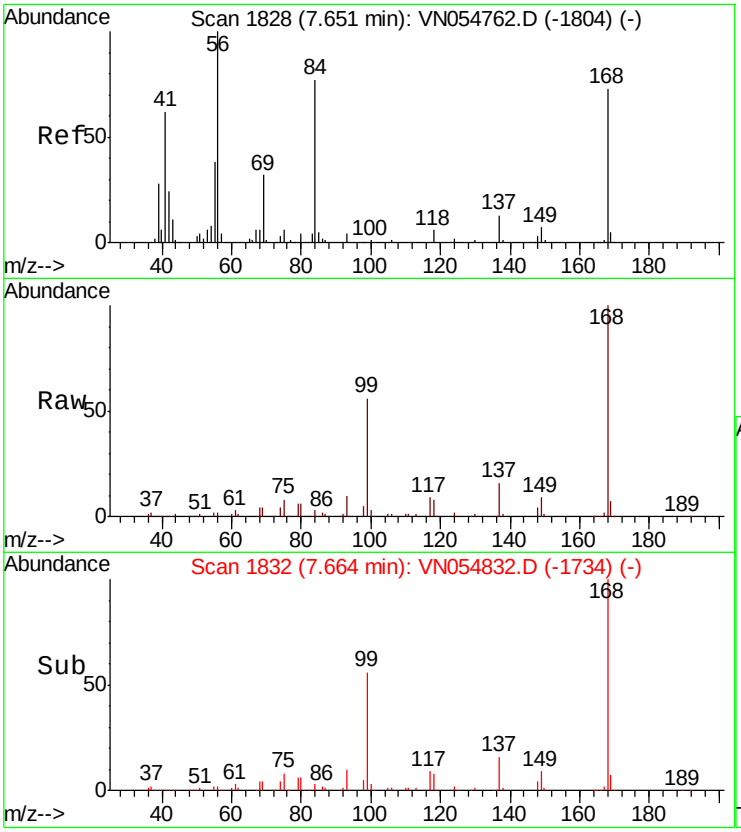


#30
Chloroform
Concen: 0.324 ug/l
RT: 7.37 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VN054832.D
Acq: 31 Mar 2019 5:17

Tgt Ion: 83 Resp: 3159

Ion	Ratio	Lower	Upper
83	100		
85	54.0	52.2	78.4



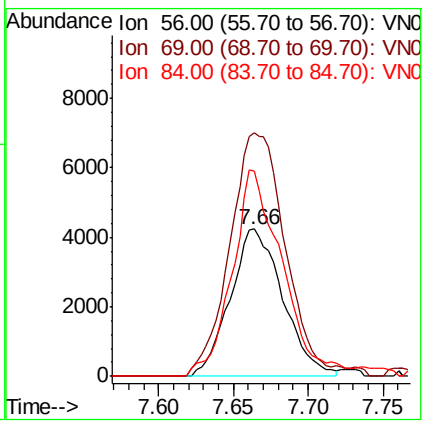


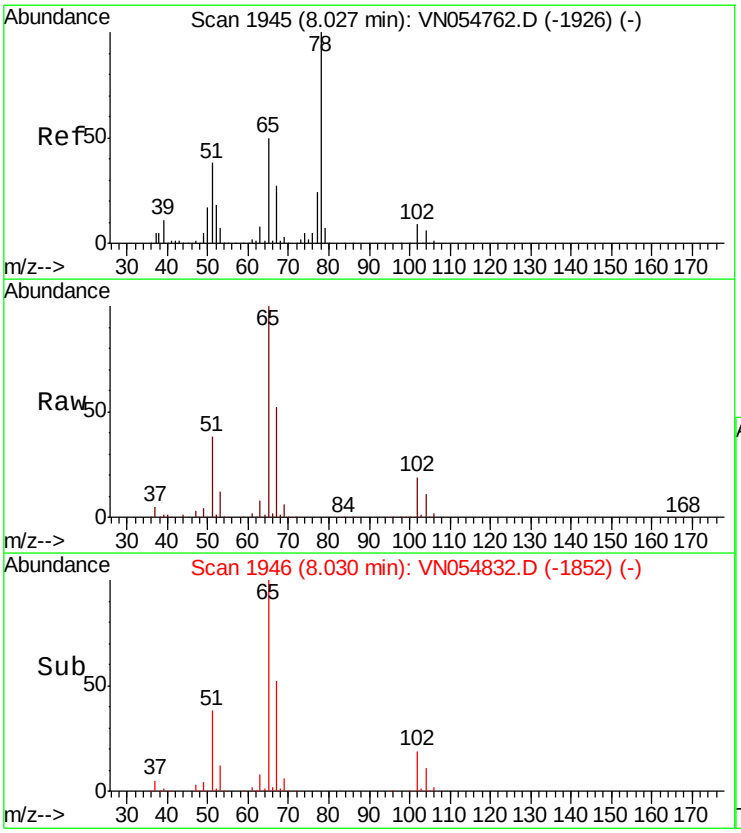
#31
Cyclohexane
Concen: Below Cal
RT: 7.66 min Scan# 1832
Delta R.T. 0.01 min
Lab File: VN054832.D
Acq: 31 Mar 2019 5:17

Instrument : MSVOA_N
ClientSampleId : AU-06-032819-B

Tgt Ion: 56 Resp: 10368

Ion	Ratio	Lower	Upper
56	100		
69	165.2	27.8	41.6#
84	139.6	74.6	111.8#

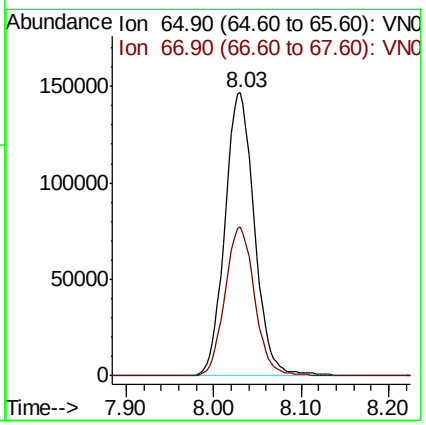


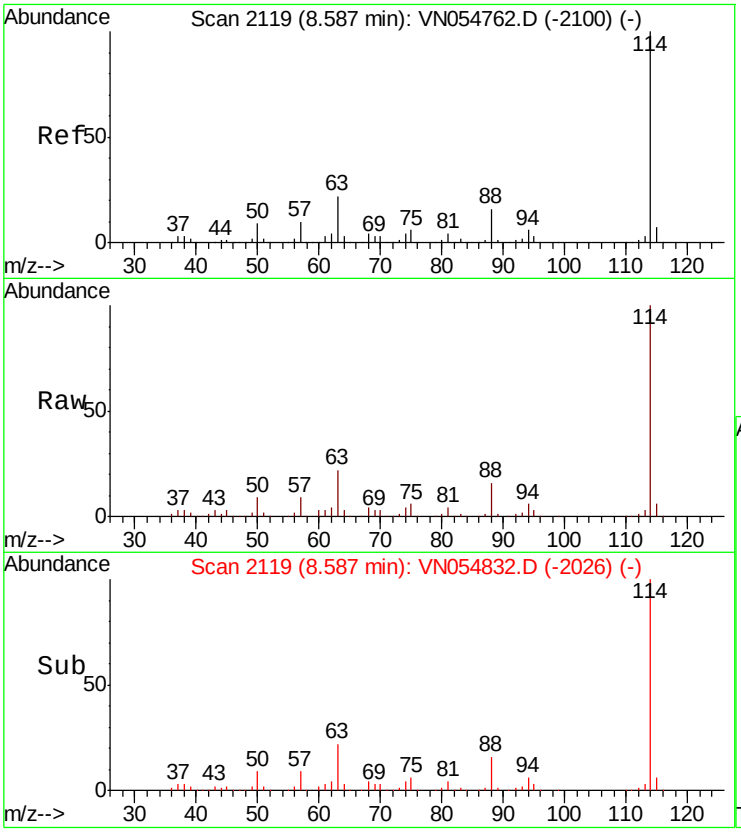


#33
1,2-Dichloroethane-d4
Concen: 51.109 ug/l
RT: 8.03 min Scan# 1946
Delta R.T. 0.00 min
Lab File: VN054832.D
Acq: 31 Mar 2019 5:17

Tgt Ion: 65 Resp: 344629

Ion	Ratio	Lower	Upper
65	100		
67	52.7	0.0	104.6



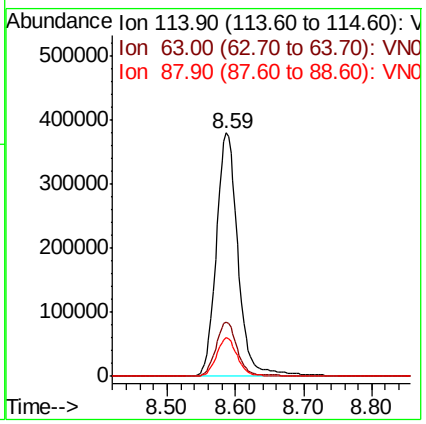


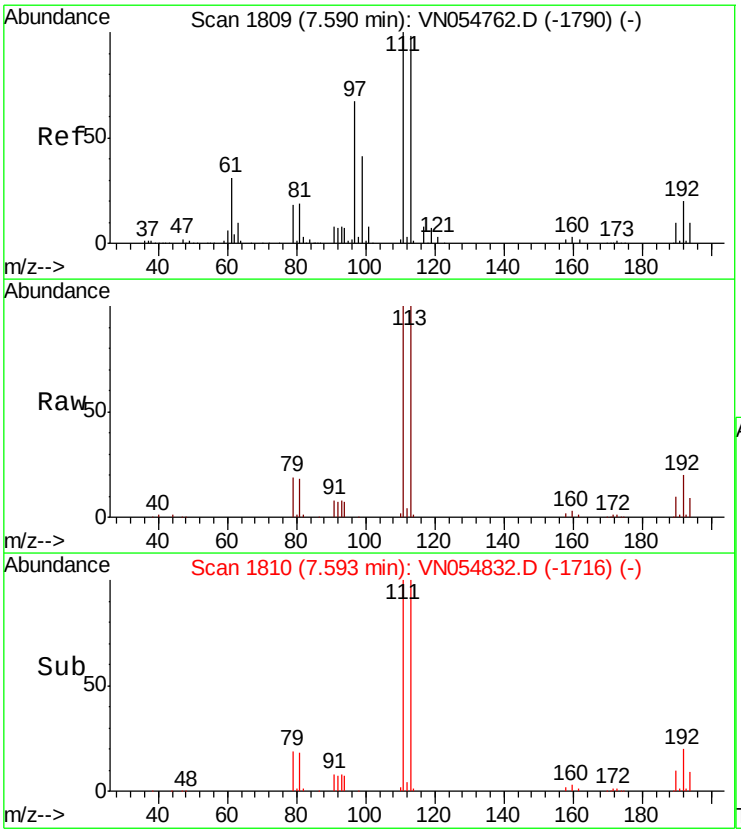
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. -0.00 min
Lab File: VN054832.D
Acq: 31 Mar 2019 5:17

Instrument :
MSVOA_N
ClientSampleId :
AU-06-032819-B

Tgt Ion:114 Resp: 839751

Ion	Ratio	Lower	Upper
114	100		
63	22.5	0.0	35.2
88	15.7	0.0	30.2

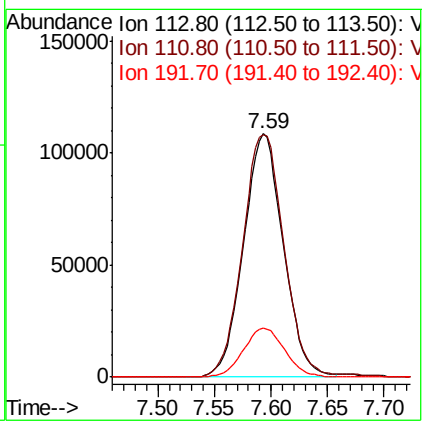


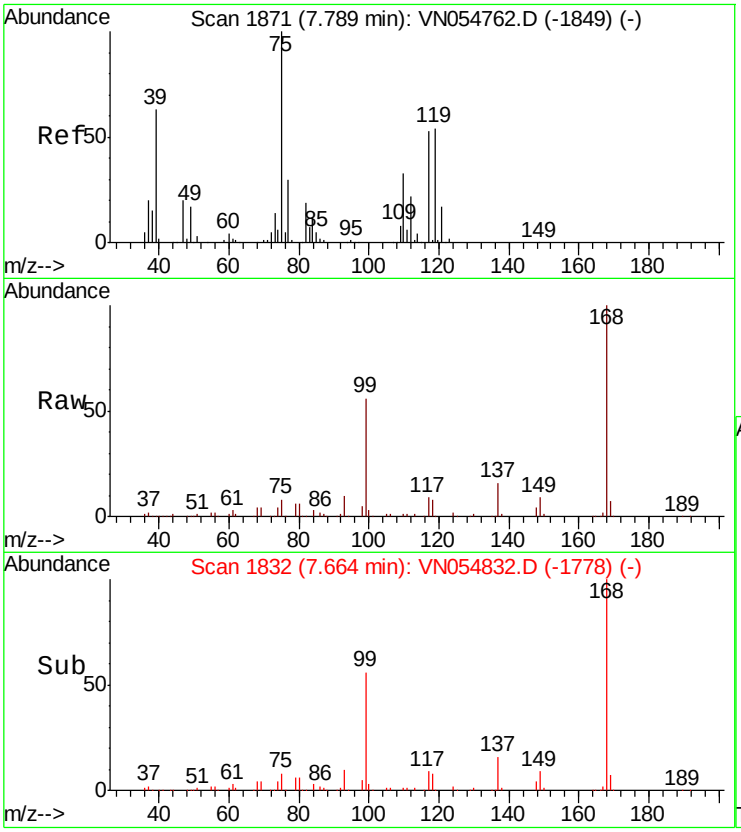


#35
Dibromofluoromethane
Concen: 47.498 ug/l
RT: 7.59 min Scan# 1810
Delta R.T. 0.00 min
Lab File: VN054832.D
Acq: 31 Mar 2019 5:17

Tgt Ion:113 Resp: 265920

Ion	Ratio	Lower	Upper
113	100		
111	104.3	82.2	123.4
192	21.0	19.2	28.8



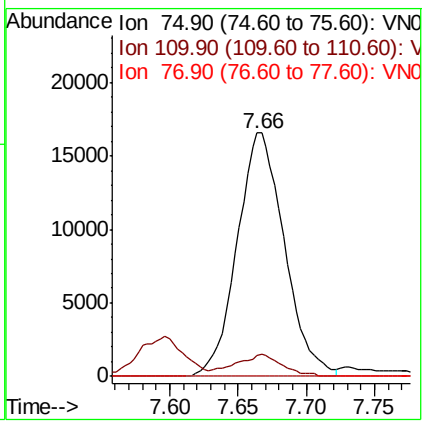


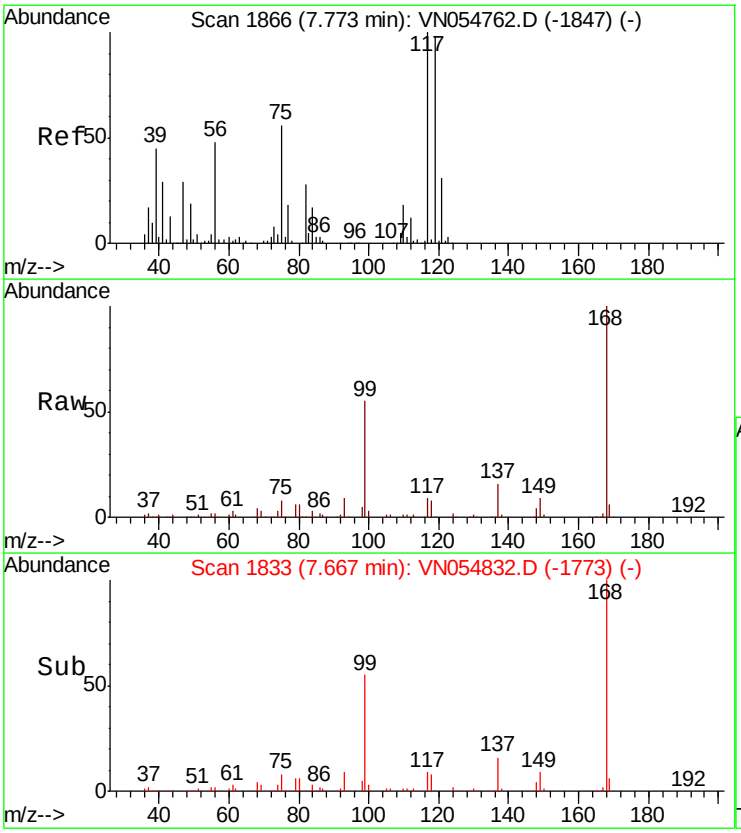
#36
1,1-Dichloropropene
Concen: 5.096 ug/l
RT: 7.66 min Scan# 1832
Delta R.T. -0.13 min
Lab File: VN054832.D
Acq: 31 Mar 2019 5:17

Instrument :
MSVOA_N
ClientSampleId :
AU-06-032819-B

Tgt Ion: 75 Resp: 39874

Ion	Ratio	Lower	Upper
75	100		
110	8.9	19.1	57.5#
77	0.0	25.0	37.4#

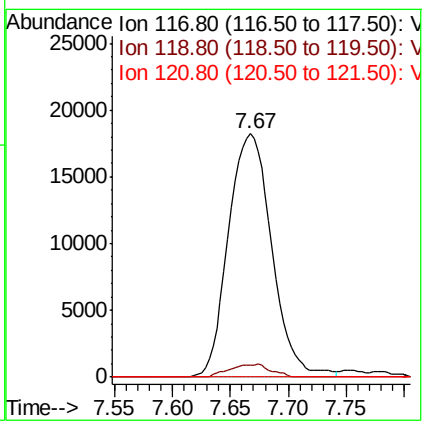


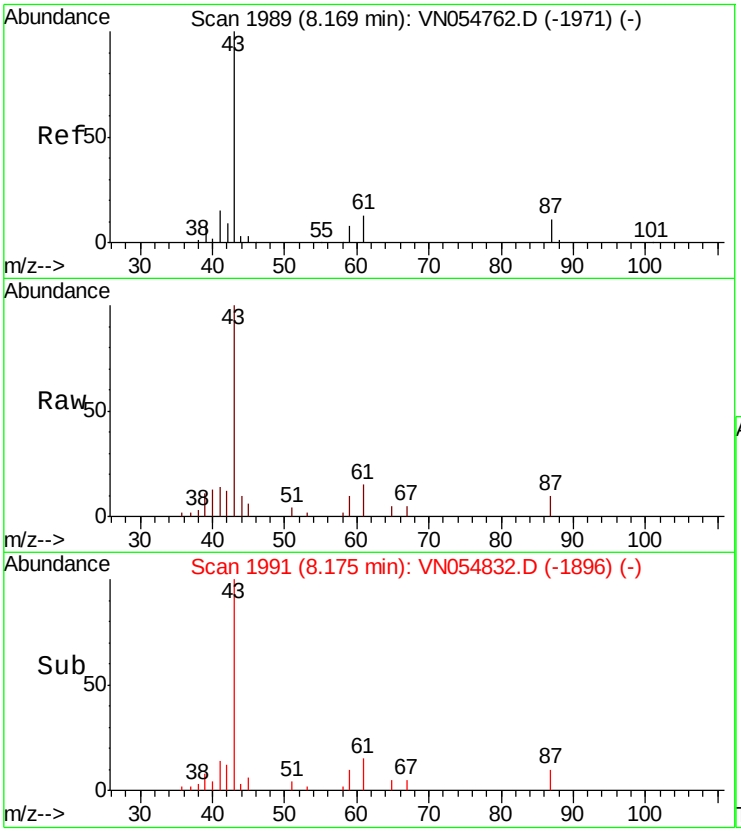


#38
Carbon Tetrachloride
Concen: 6.235 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. -0.11 min
Lab File: VN054832.D
Acq: 31 Mar 2019 5:17

Tgt Ion:117 Resp: 47383

Ion	Ratio	Lower	Upper
117	100		
119	4.6	76.3	114.5#
121	0.0	24.6	36.8#



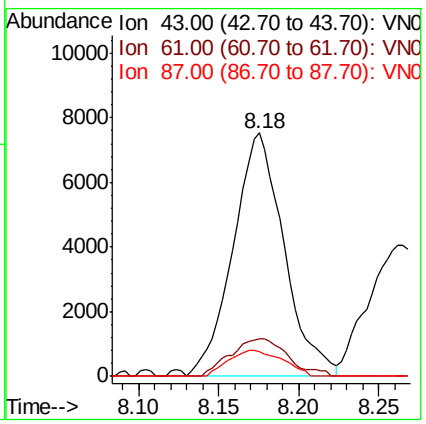


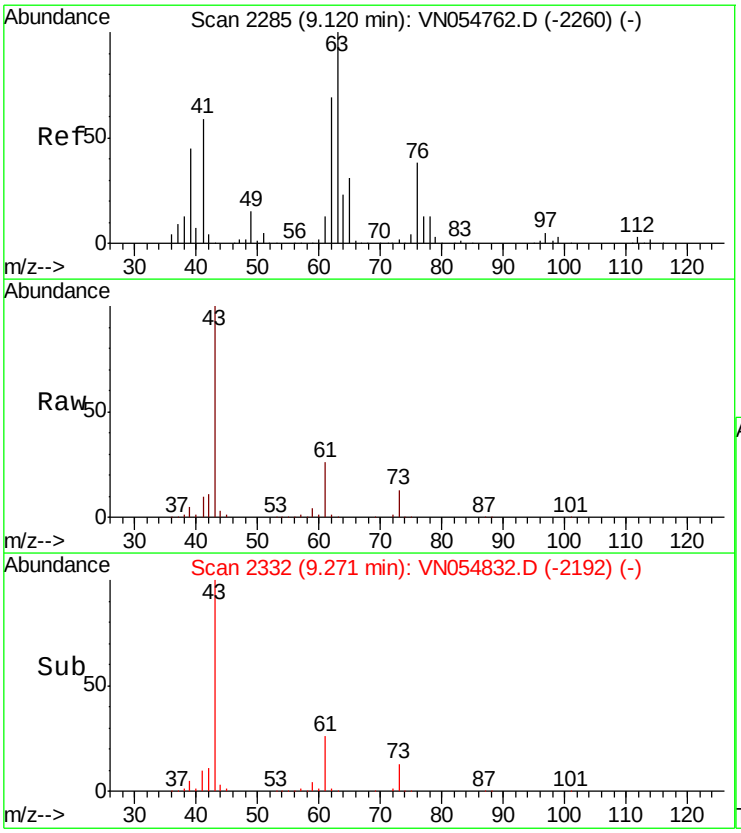
#43
Isopropyl Acetate
Concen: 1.768 ug/l
RT: 8.18 min Scan# 1991
Delta R.T. 0.01 min
Lab File: VN054832.D
Acq: 31 Mar 2019 5:17

Instrument : MSVOA_N
ClientSampleId : AU-06-032819-B

Tgt Ion: 43 Resp: 16487

Ion	Ratio	Lower	Upper
43	100		
61	17.4	15.8	23.8
87	11.3	12.0	18.0#

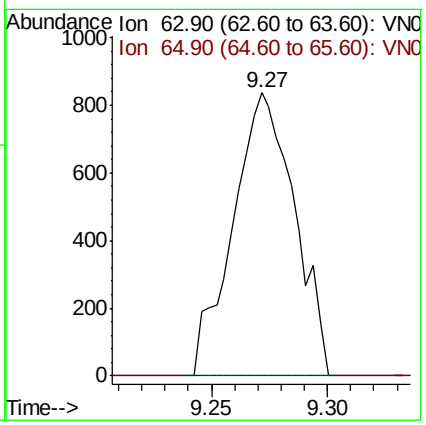


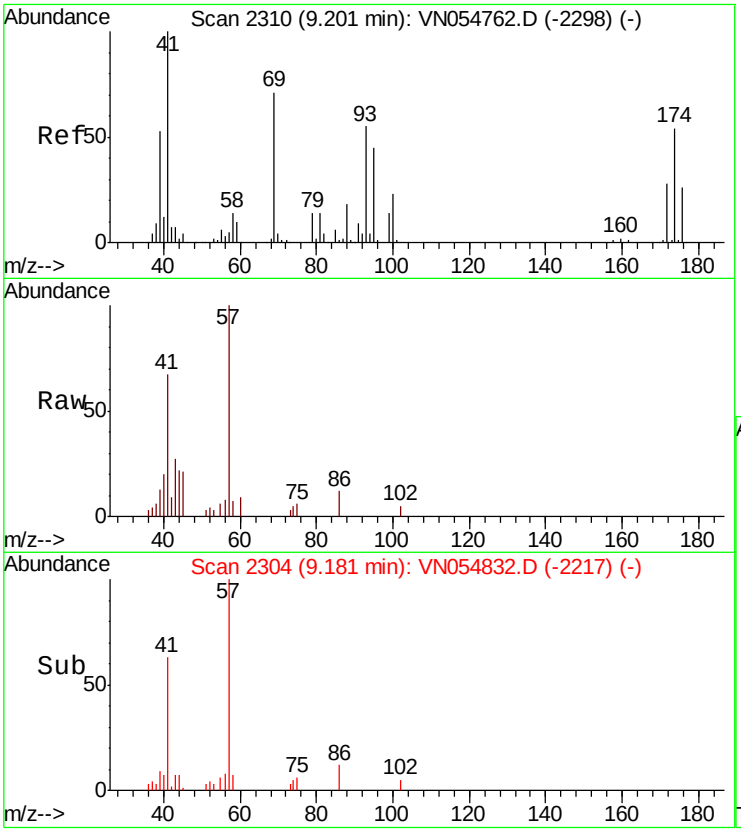


#45
1,2-Dichloropropane
Concen: 0.242 ug/l
RT: 9.27 min Scan# 2332
Delta R.T. 0.15 min
Lab File: VN054832.D
Acq: 31 Mar 2019 5:17

Tgt Ion: 63 Resp: 1546

Ion	Ratio	Lower	Upper
63	100		
65	0.0	25.0	37.6#



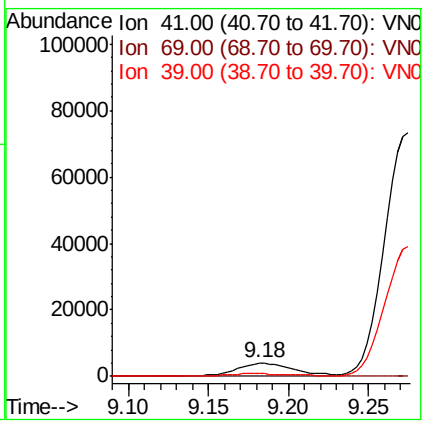


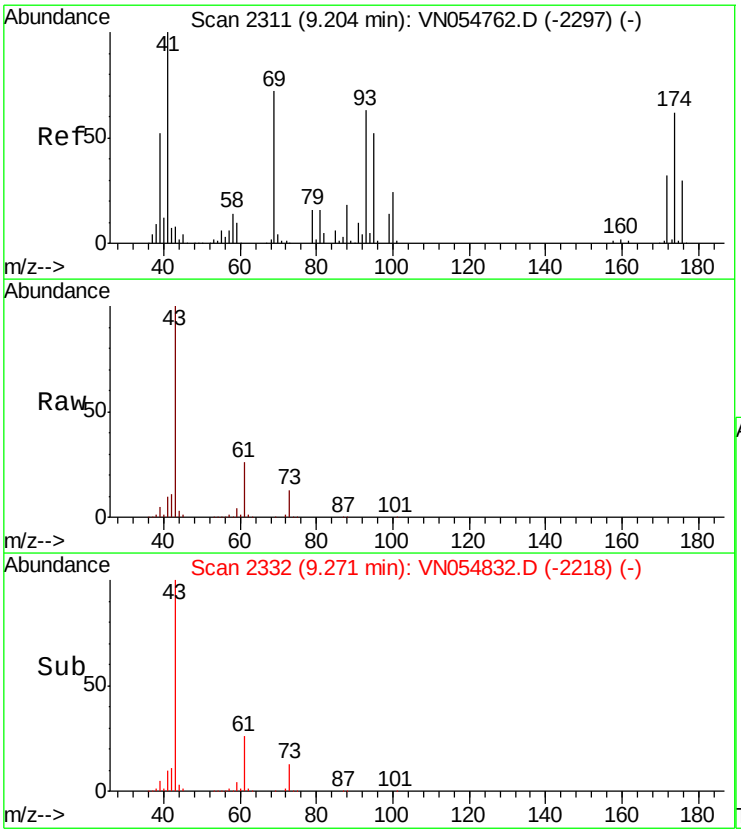
#48
Methyl methacrylate
Concen: 1.946 ug/l
RT: 9.18 min Scan# 2304
Delta R.T. -0.02 min
Lab File: VN054832.D
Acq: 31 Mar 2019 5:17

Instrument : MSVOA_N
ClientSampleId : AU-06-032819-B

Tgt Ion: 41 Resp: 9833

Ion	Ratio	Lower	Upper
41	100		
69	0.0	72.6	108.8#
39	0.0	47.5	71.3#

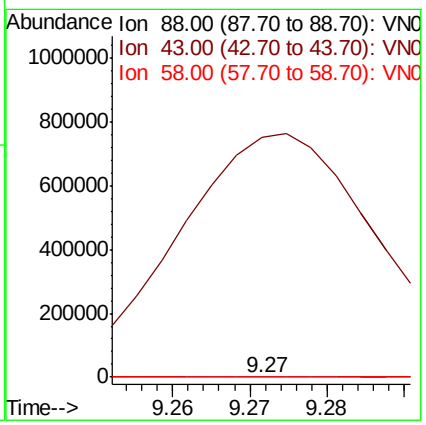


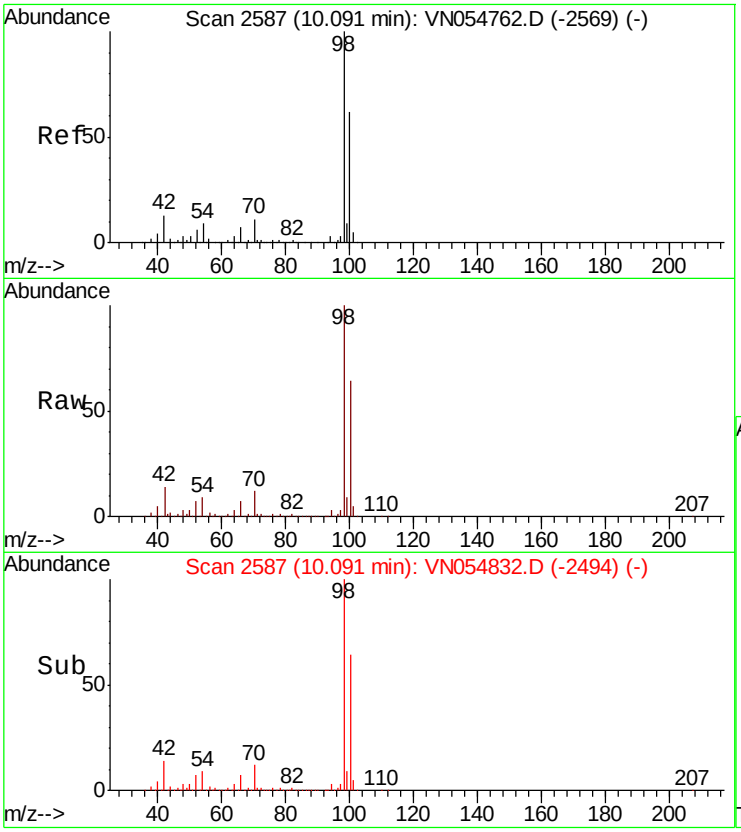


#49
1,4-Dioxane
Concen: 2.253 ug/l
RT: 9.27 min Scan# 2332
Delta R.T. 0.07 min
Lab File: VN054832.D
Acq: 31 Mar 2019 5:17

Tgt Ion: 88 Resp: 113

Ion	Ratio	Lower	Upper
88	100		
43	1338043.4	24.1	36.1#
58	5496.5	50.8	76.2#



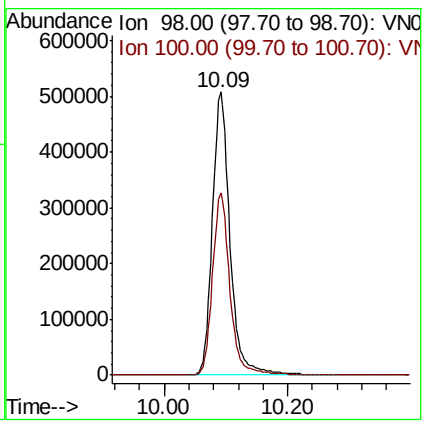


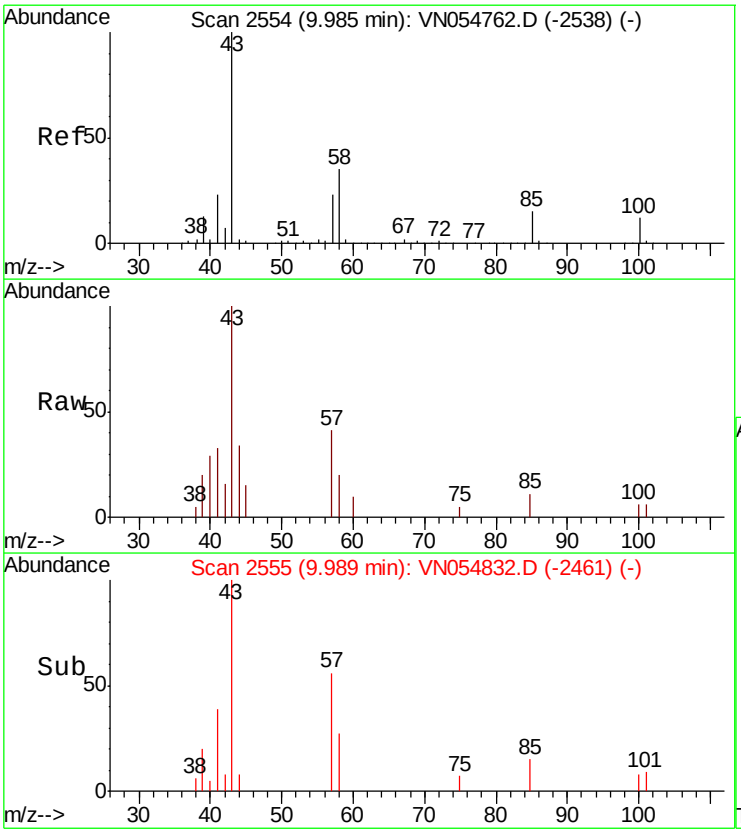
#50
Toluene-d8
Concen: 48.216 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. -0.00 min
Lab File: VN054832.D
Acq: 31 Mar 2019 5:17

Instrument : MSVOA_N
ClientSampleId : AU-06-032819-B

Tgt Ion: 98 Resp: 1003571

Ion	Ratio	Lower	Upper
98	100		
100	63.8	51.2	76.8

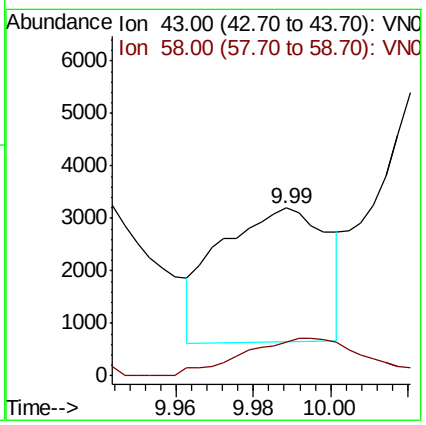


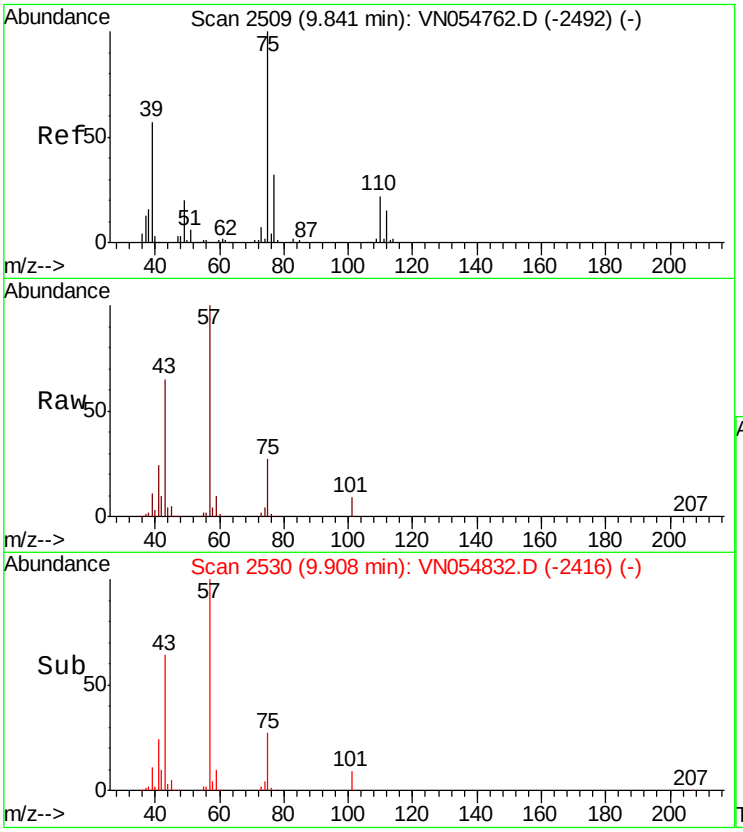


#51
4-Methyl-2-Pentanone
Concen: 0.944 ug/l
RT: 9.99 min Scan# 2555
Delta R.T. 0.00 min
Lab File: VN054832.D
Acq: 31 Mar 2019 5:17

Tgt Ion: 43 Resp: 4950

Ion	Ratio	Lower	Upper
43	100		
58	30.8	31.8	47.6#



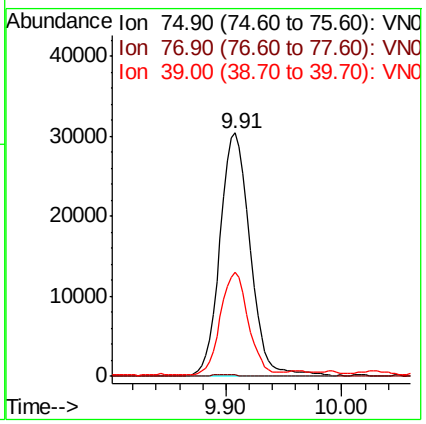


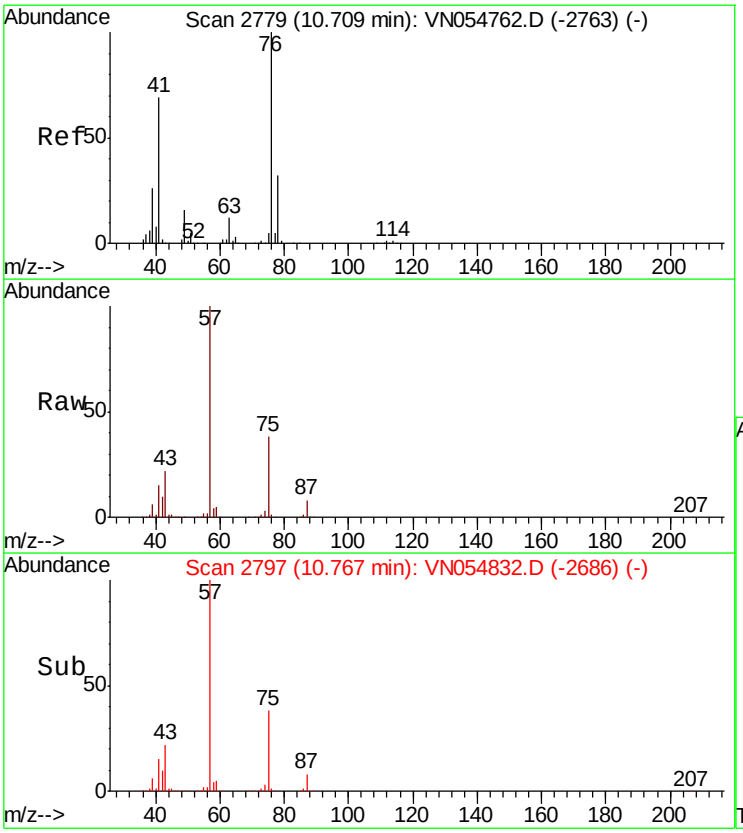
#54
cis-1,3-Dichloropropene
Concen: 6.545 ug/l
RT: 9.91 min Scan# 2530
Delta R.T. 0.07 min
Lab File: VN054832.D
Acq: 31 Mar 2019 5:17

Instrument :
MSVOA_N
ClientSampleId :
AU-06-032819-B

Tgt Ion: 75 Resp: 54896

Ion	Ratio	Lower	Upper
75	100		
77	0.6	25.4	38.0#
39	42.0	37.2	55.8

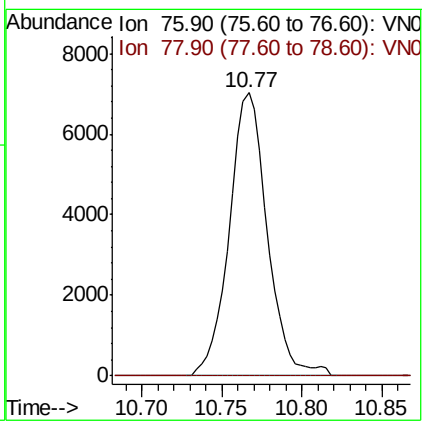


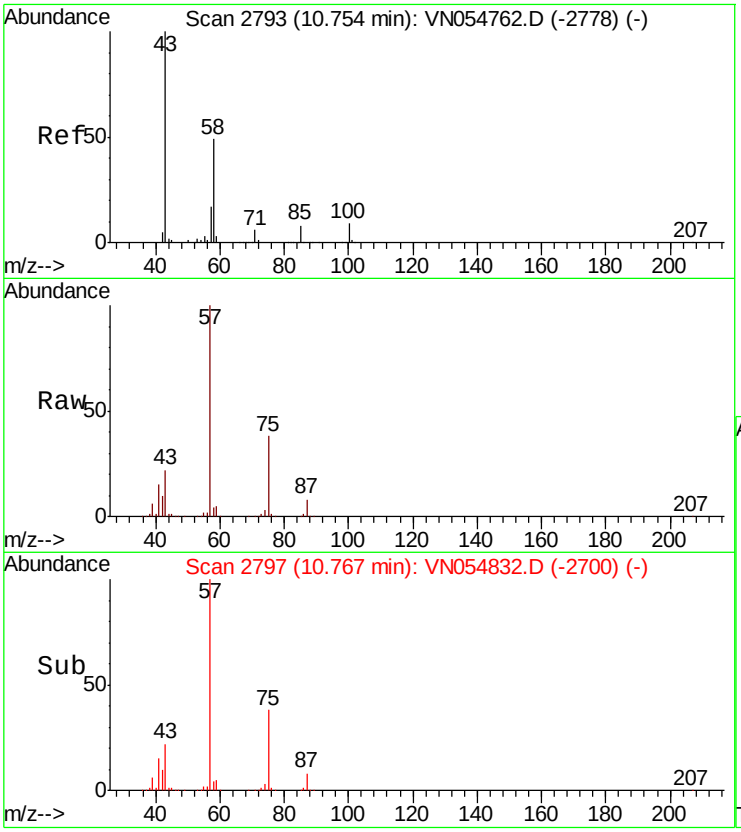


#57
1,3-Dichloropropane
Concen: 1.331 ug/l
RT: 10.77 min Scan# 2797
Delta R.T. 0.06 min
Lab File: VN054832.D
Acq: 31 Mar 2019 5:17

Tgt Ion: 76 Resp: 11336

Ion	Ratio	Lower	Upper
76	100		
78	0.0	25.7	38.5#



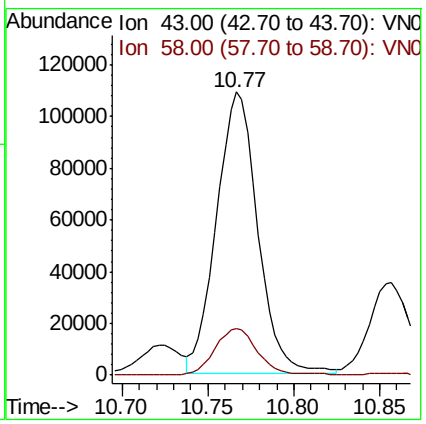


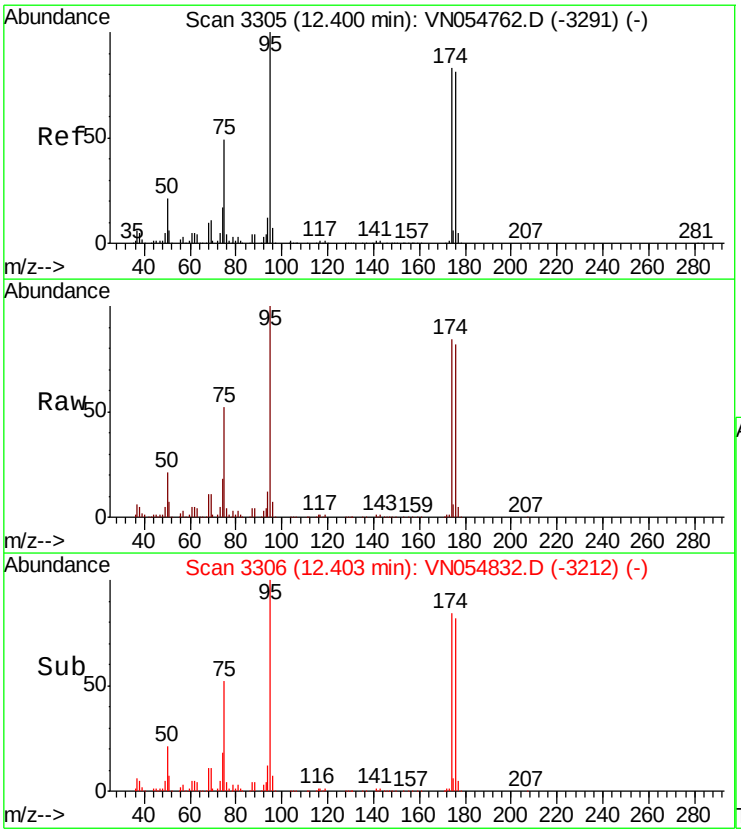
#59
2-Hexanone
Concen: 54.540 ug/l
RT: 10.77 min Scan# 2797
Delta R.T. 0.01 min
Lab File: VN054832.D
Acq: 31 Mar 2019 5:17

Instrument : MSVOA_N
ClientSampleId : AU-06-032819-B

Tgt Ion: 43 Resp: 183022

Ion	Ratio	Lower	Upper
43	100		
58	17.0	28.0	83.9#

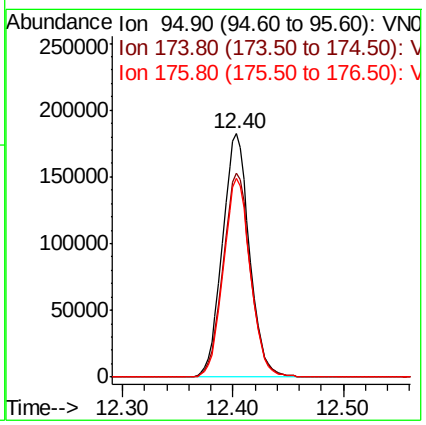


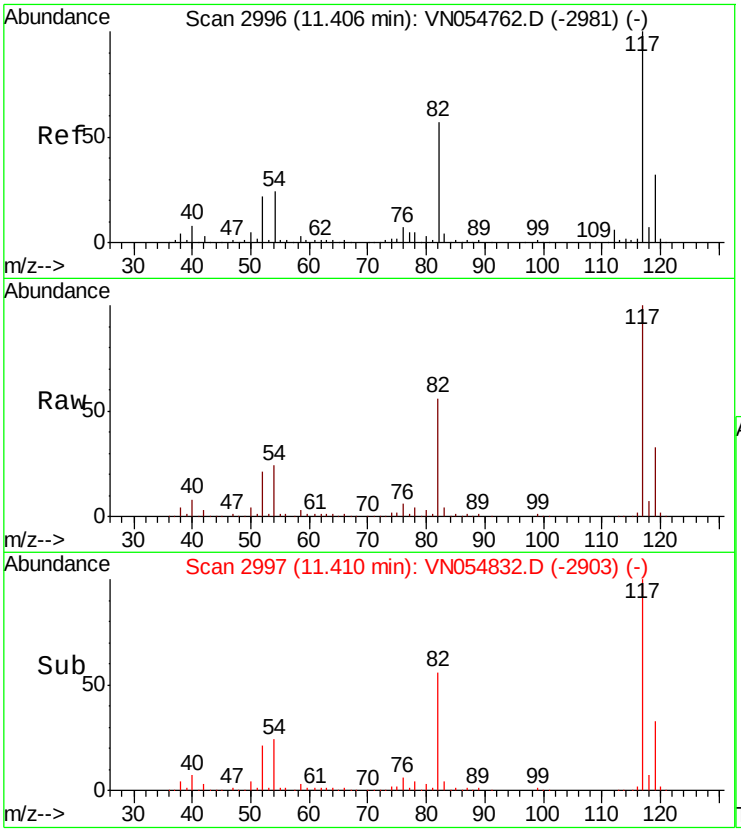


#62
4-Bromofluorobenzene
Concen: 44.772 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN054832.D
Acq: 31 Mar 2019 5:17

Tgt Ion: 95 Resp: 309924

Ion	Ratio	Lower	Upper
95	100		
174	84.9	0.0	191.0
176	81.8	0.0	187.4



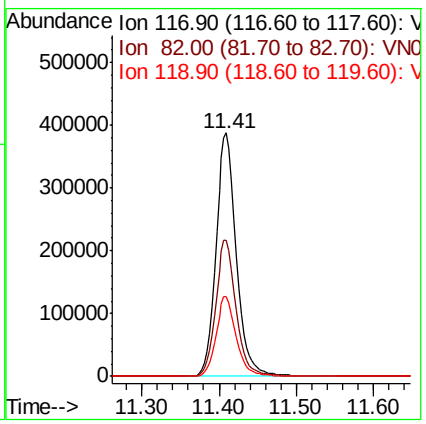


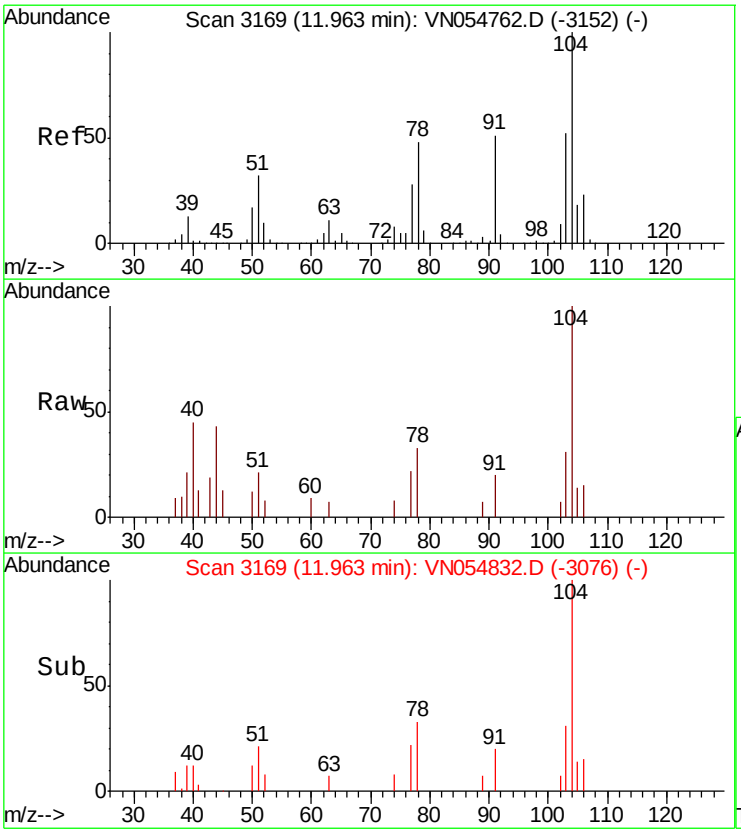
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN054832.D
Acq: 31 Mar 2019 5:17

Instrument : MSVOA_N
ClientSampleId : AU-06-032819-B

Tgt Ion:117 Resp: 714405

Ion	Ratio	Lower	Upper
117	100		
82	56.1	40.0	60.0
119	33.0	25.8	38.6

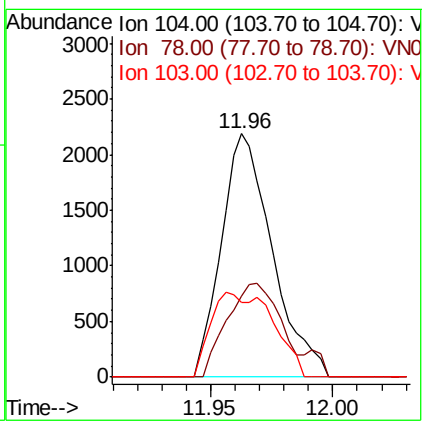


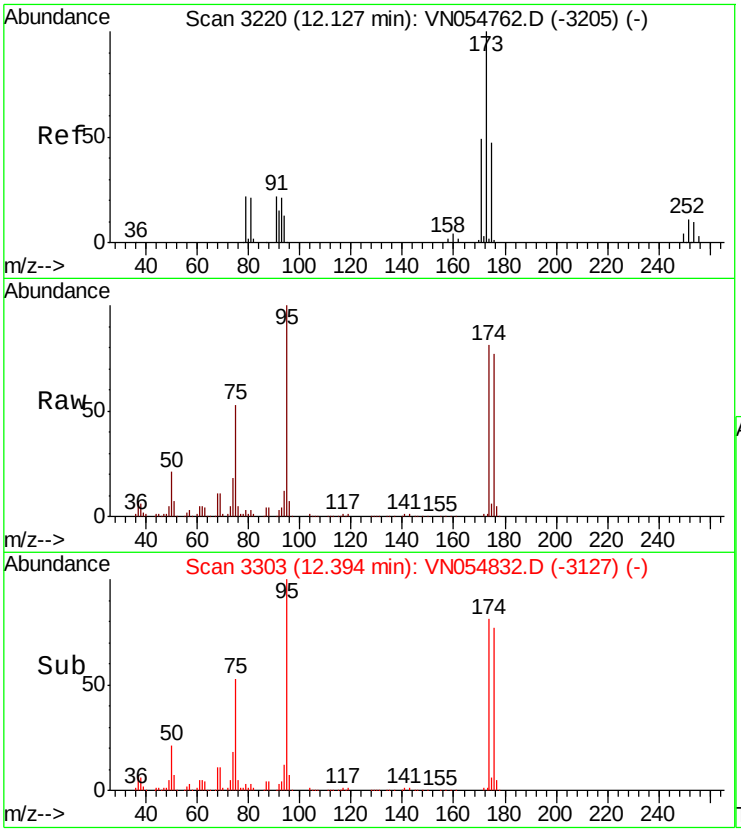


#70
Styrene
Concen: 0.217 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. -0.00 min
Lab File: VN054832.D
Acq: 31 Mar 2019 5:17

Tgt Ion:104 Resp: 3173

Ion	Ratio	Lower	Upper
104	100		
78	43.9	38.2	57.2
103	42.6	44.4	66.6#



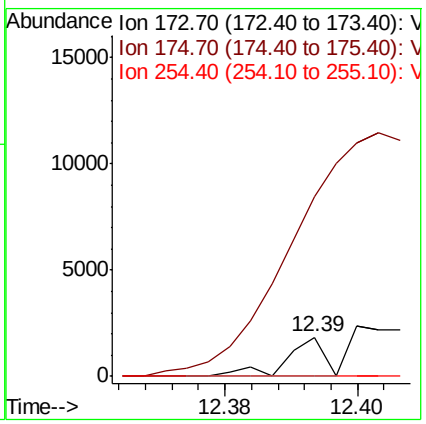


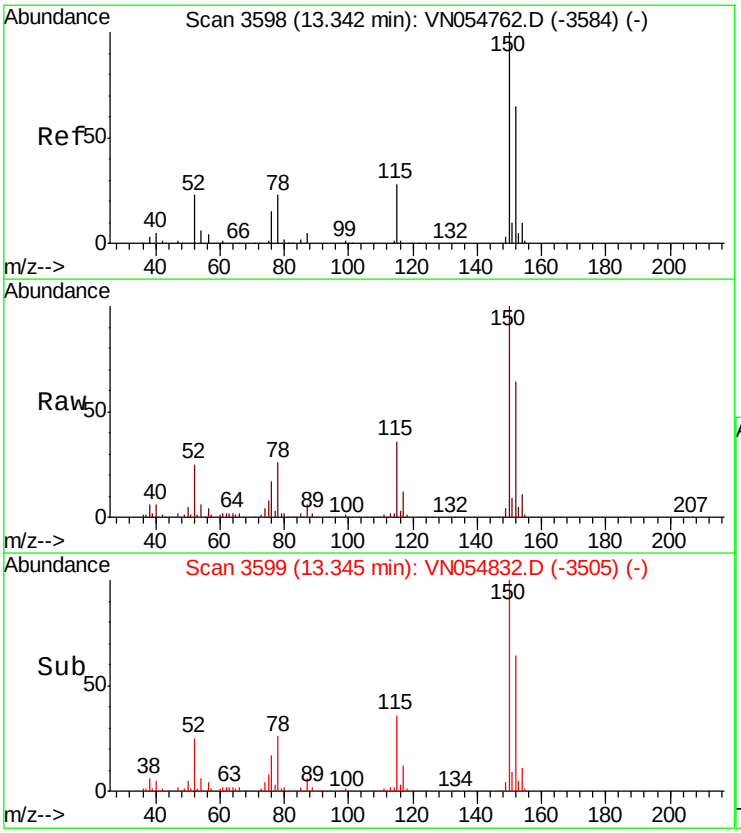
#71
Bromoform
Concen: 0.231 ug/l
RT: 12.39 min Scan# 3303
Delta R.T. 0.27 min
Lab File: VN054832.D
Acq: 31 Mar 2019 5:17

Instrument :
MSVOA_N
ClientSampleId :
AU-06-032819-B

Tgt Ion:173 Resp: 710

Ion	Ratio	Lower	Upper
173	100		
175	0.0	24.4	73.2#
254	0.0	0.1	0.1#

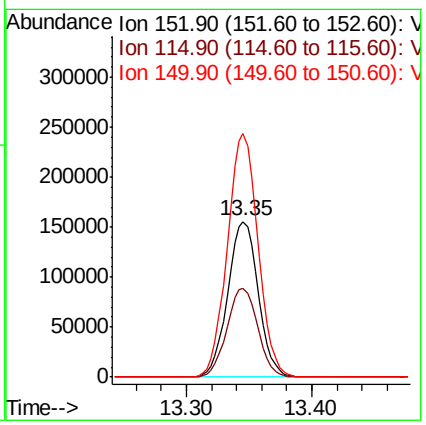


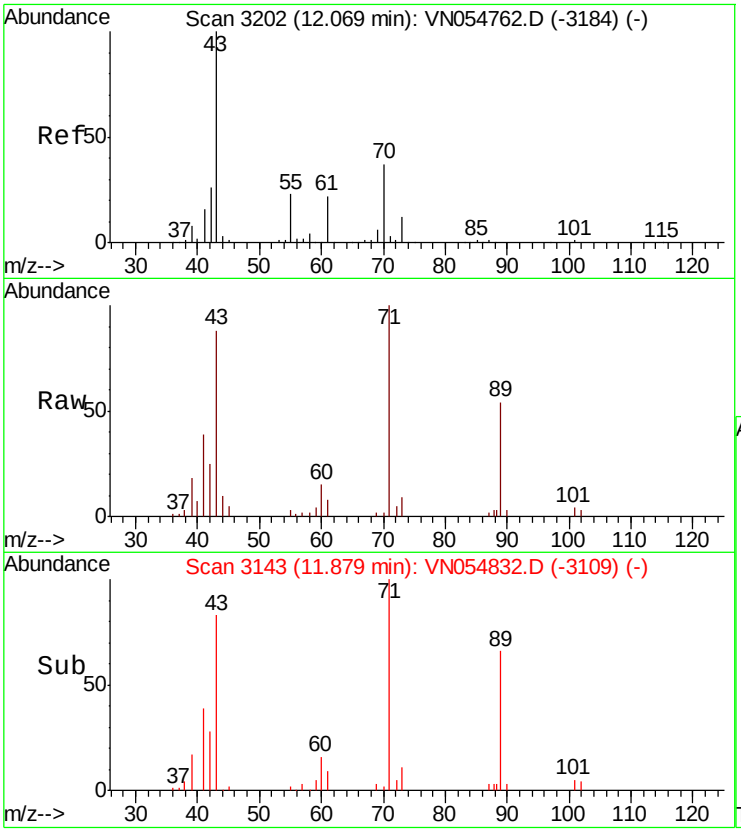


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN054832.D
Acq: 31 Mar 2019 5:17

Tgt Ion:152 Resp: 261578

Ion	Ratio	Lower	Upper
152	100		
115	57.8	27.2	81.6
150	157.5	0.0	349.2



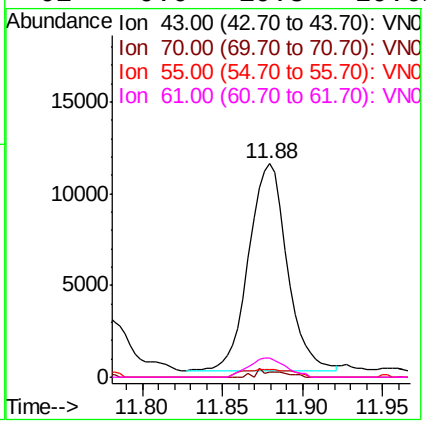


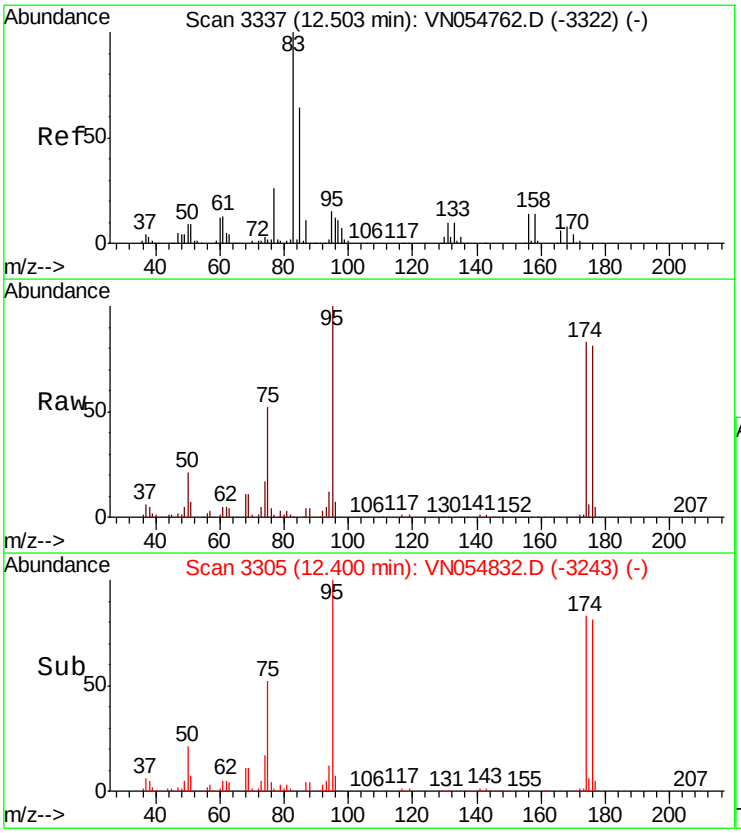
#74
N-amyl acetate
Concen: 2.796 ug/l
RT: 11.88 min Scan# 3143
Delta R.T. -0.19 min
Lab File: VN054832.D
Acq: 31 Mar 2019 5:17

Instrument : MSVOA_N
ClientSampleId : AU-06-032819-B

Tgt Ion: 43 Resp: 18625

Ion	Ratio	Lower	Upper
43	100		
70	1.2	35.4	53.0#
55	5.0	19.8	29.6#
61	9.0	19.8	29.6#

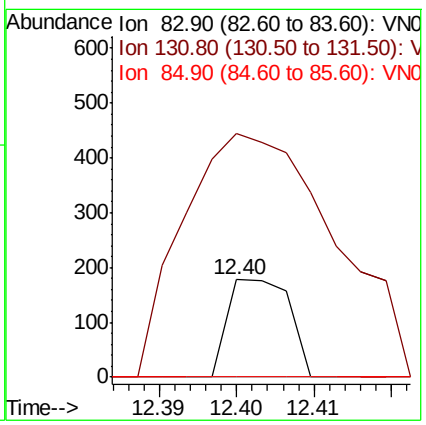


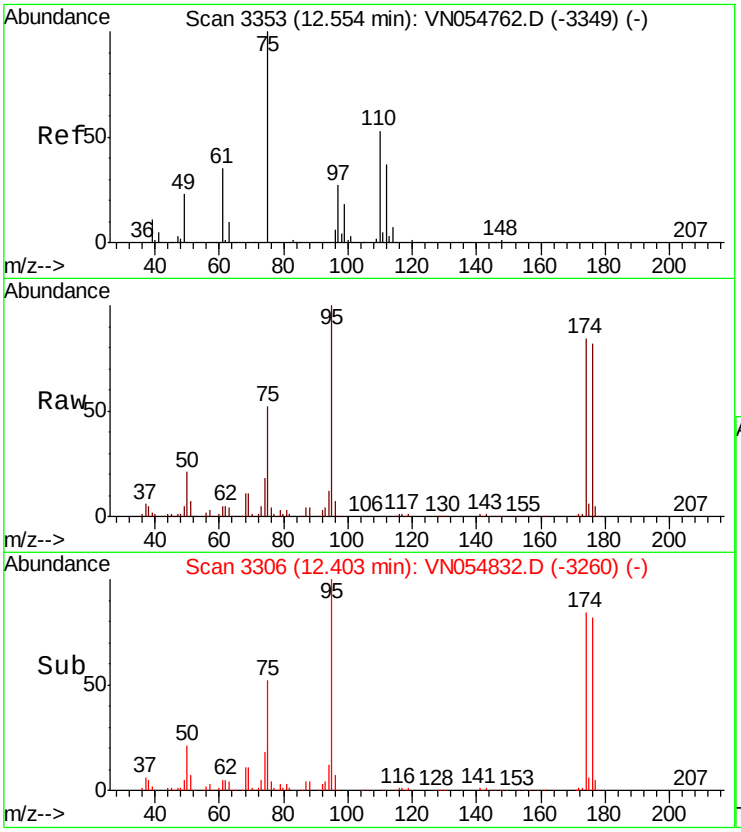


#75
1,1,2,2-Tetrachloroethane
Concen: Below Cal
RT: 12.40 min Scan# 3305
Delta R.T. -0.10 min
Lab File: VN054832.D
Acq: 31 Mar 2019 5:17

Tgt Ion: 83 Resp: 99

Ion	Ratio	Lower	Upper
83	100		
131	611.1	5.8	17.4#
85	0.0	32.2	96.6#



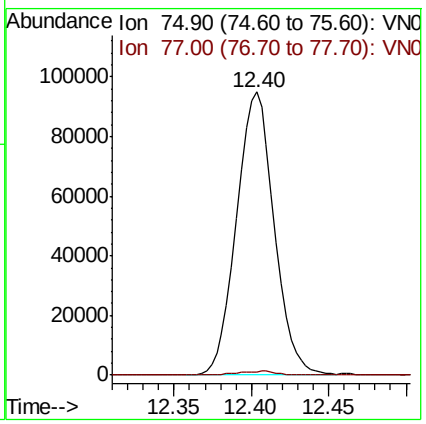


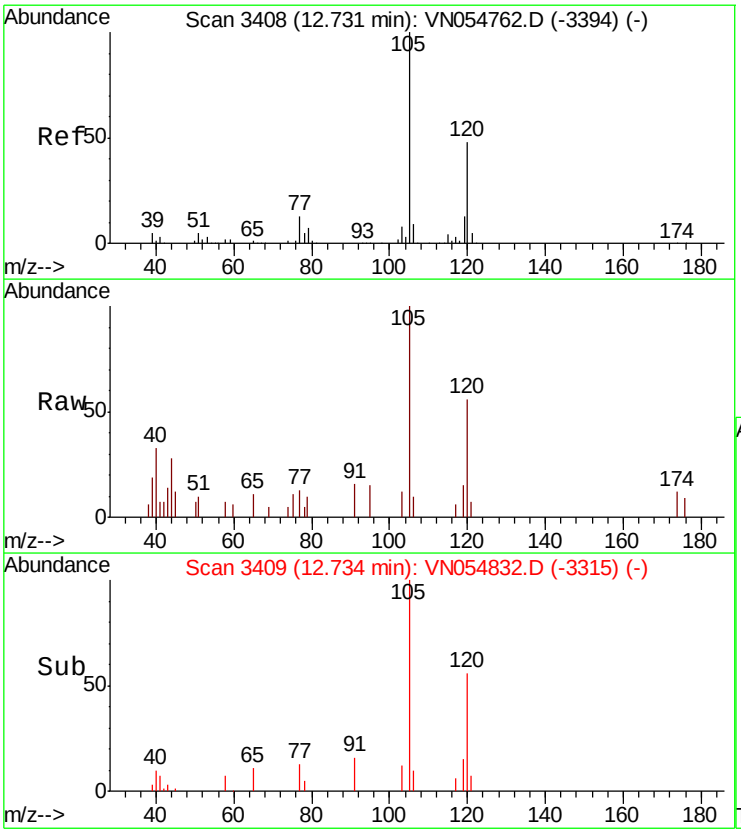
#76
1,2,3-Trichloropropane
Concen: 35.429 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. -0.15 min
Lab File: VN054832.D
Acq: 31 Mar 2019 5:17

Instrument :
MSVOA_N
ClientSampleId :
AU-06-032819-B

Tgt Ion: 75 Resp: 160995

Ion	Ratio	Lower	Upper
75	100		
77	1.3	0.0	0.0#

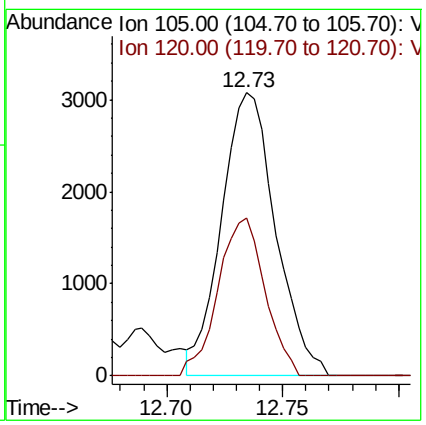


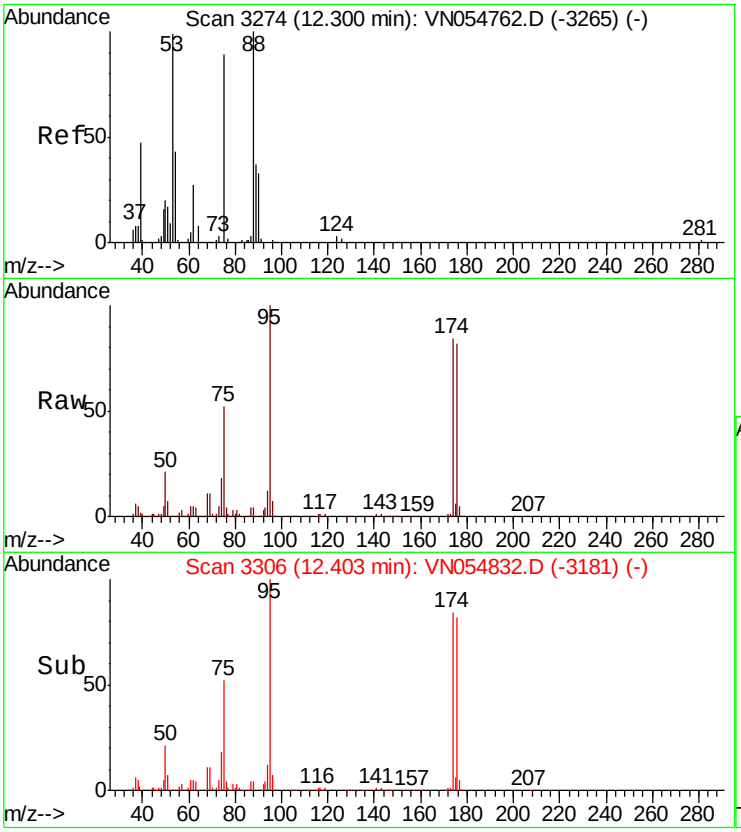


#80
1,3,5-Trimethylbenzene
Concen: 0.285 ug/l
RT: 12.73 min Scan# 3409
Delta R.T. 0.00 min
Lab File: VN054832.D
Acq: 31 Mar 2019 5:17

Tgt Ion:105 Resp: 4994

Ion	Ratio	Lower	Upper
105	100		
120	48.2	25.0	75.0



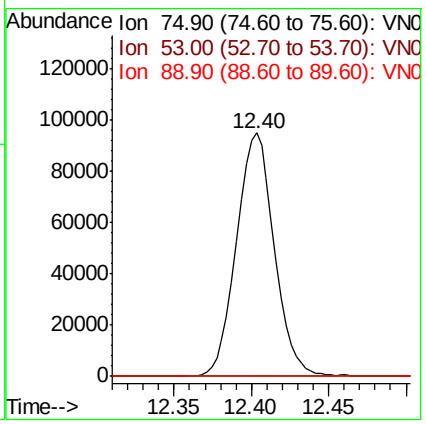


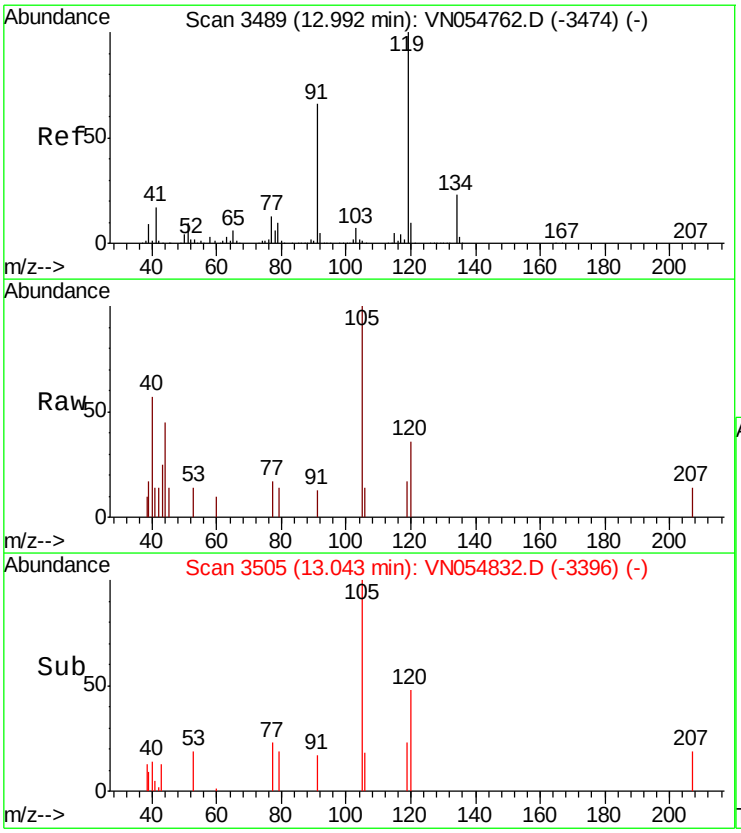
#81
trans-1,4-Dichloro-2-butene
Concen: 137.808 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.10 min
Lab File: VN054832.D
Acq: 31 Mar 2019 5:17

Instrument :
MSVOA_N
ClientSampleId :
AU-06-032819-B

Tgt Ion: 75 Resp: 160995

Ion	Ratio	Lower	Upper
75	100		
53	0.0	76.2	114.2#
89	0.0	39.2	58.8#

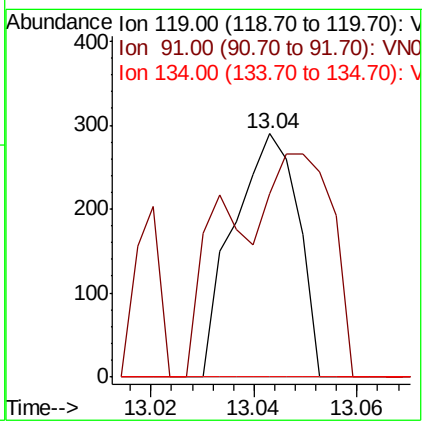


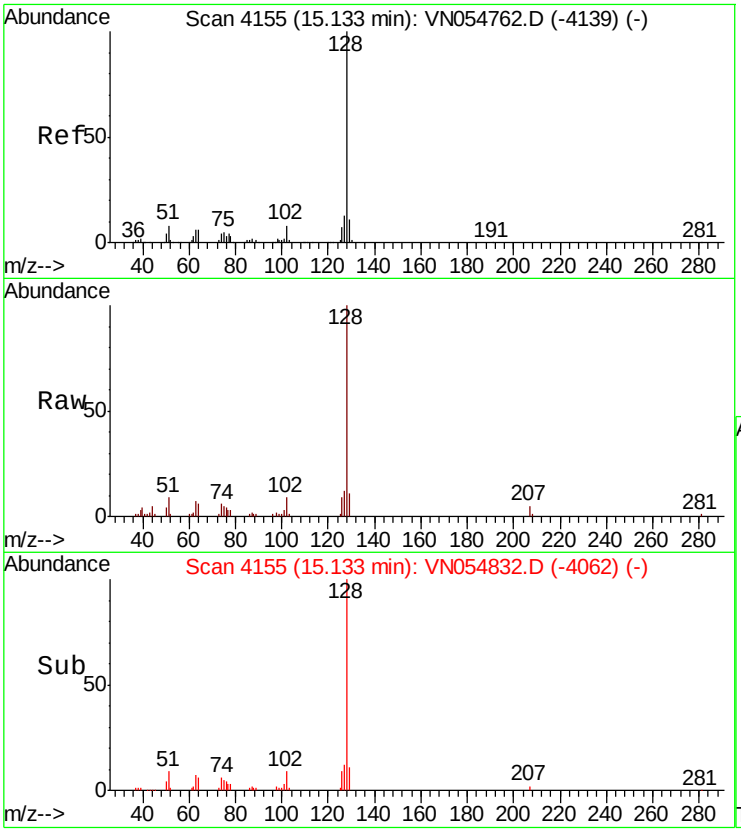


#83
tert-Butylbenzene
Concen: Below Cal
RT: 13.04 min Scan# 3505
Delta R.T. 0.05 min
Lab File: VN054832.D
Acq: 31 Mar 2019 5:17

Tgt Ion:119 Resp: 250

Ion	Ratio	Lower	Upper
119	100		
91	91.6	30.9	92.8
134	0.0	13.2	39.6#





#95
Naphthalene
Concen: 4.009 ug/l
RT: 15.13 min Scan# 4155
Delta R.T. -0.00 min
Lab File: VN054832.D
Acq: 31 Mar 2019 5:17

Instrument :
MSVOA_N
ClientSampleId :
AU-06-032819-B

Tgt Ion:128 Resp: 37793

Ion	Ratio	Lower	Upper
128	100		
127	13.7	10.1	15.1
129	10.9	8.7	13.1